

TE 3.5.1 – Steam System Work Orders

Government provides data on historical workload in this technical exhibit. This data is raw and represents actual communication among customers, maintenance planners, and artisans. The data is as it appears in the maintenance management system except for removal of personal information, inappropriate language, and acronyms expanded as practicable. Each set of data includes a ticket number, ticket date, and a problem description. The tickets approximate the work required during the base one-year period.

The work orders numbers in this technical exhibit may not match exactly the workload forecast in Section C-7. There are two reasons. First, customers occasionally submit more than one requirement for a single problem indicating the recorded workload over represents the work performed. Second, artisans perform a substantial fraction of their work on verbal orders or on their own initiative indicating the recorded workload under represents work performed. However, the net result approximates actual work required.

We audited by sampling the workload in each technical exhibit. We also sought subject matter expert advice on the amount of over- and under-reporting in each area. The result is our estimate of the amount of over- and under-reporting of each workload set. Thus, to get the forecast values in C-7 for the workload in this Technical Exhibit, we first decreased the number of tickets by 10.8 percent to adjust for over-reported requirements. The then increased the number of tickets by 20 percent to adjust for under reported tickets.

Ticket Number	Date Created	Problem Type	Description
89598	10/02/00	Steam	ASKARS, station # 1, has a leak in overhead steam pipe; water is leaking onto floor causing safety hazard; also near electrical stacker system.
89605	10/02/00	Steam	Steam leak bldg 188. WC-50
89657	10/02/00	Steam Leaks	Steam pump in stall N0-4 leaking again. Seal has just been replaced by contractor.
89663	10/02/00	Steam	Leak in LIS; still leaking from this weekend but in a different area on parts ASKARS
89667	10/02/00	Steam	ASKARS, station # 1, has a leak in the overhead steam pipe, leaking onto LIS conveyor and sensors.
89701	10/02/00	Steam	2 more leaks in ASKARS near LIS and AD's desk.
89733	10/03/00	Steam Pipes	Have steam and water leaking out of various areas. Need to be stopped cause it is causing a safety hazard. Water on the floor.
89764	10/03/00	Steam	ASKARS station # 1 has an overhead steam pipe leak. The leak is leaking onto electronic equipment. This is our second request on this leak.
89842	10/03/00	Steam Leaks	Busted hoses steam point 2

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
89848	10/03/00	Steam Leaks	We have a leak on the south side of the bldg were the large incoming steam valve is. It's right above the big valve. (bldg 133 side) WC-50
89936	10/04/00	Steam	Water leaking from ceiling; happened once before Emergency!
89943	10/04/00	Steam Leaks	Steam gun hose has holes. needs to be repaired ASAP
89960	10/04/00	Steam Leaks	Steam station #1, over women's head. Repair & install insulation on steam piping as necessary
89967	10/04/00	Steam Leaks	Busted steam hoses steam point 5
90032	10/05/00	Steam Leaks	Repair steam leak on flash tank, bldg 4224. WC-50
90035	10/05/00	Steam	PM overhead heaters in hanger area. Four large heaters on NADEP end only.
90037	10/05/00	Steam Leaks	Repair leaking valve on steam line in clean room, bldg 137. WC-50
90041	10/05/00	Steam Heater	Steam station #1, over women's head. Repair & install insulation on steam piping as necessary
90054	10/05/00	Steam	Have a water leak coming down out of wall located in H53 side of hangar
90059	10/06/00	Steam	Steam pipes in shop are leaking again; these pipes were just repaired Oct 2 and now they are leaking again. Today is Oct 6 please try to resolve this problem before someone gets hurt.
90071	10/06/00	Steam Leaks	Safety issue steam leak worse now May be going into lights
90073	10/06/00	Steam Leaks	Secure steam to prep side of bldg 245 for Dudley welding to make repairs to steam piping. (medium pressure line) WC-50
90076	10/06/00	Steam Pipes	Steam leak above new oven installation area. Poses electrical safety concern. Electric work stoppage
90108	10/06/00	Steam	Please repair or replace coolant tank for grinding machine located in prop shop; existing plastic tank is leaking; May need to fabricate a steel tank; thank you.
90114	10/06/00	Steam Leaks	Possible steam leak near far corner of H53 hangar passed stairway to Mezzanine J. Please check out ASAP. WC-50
90149	10/06/00	Steam	Repair or replace leaking pipe. Thanks.
90175	10/10/00	Steam Leaks	Please put us in line for some steam. We are cold, again.
90180	10/10/00	Steam	Repair or replace leaking pipe. Thanks.
90185	10/10/00	Steam Pipes	Leak from overhead steam pipe
90187	10/10/00	Steam Heater	Turn on steam throughout NADEP. "Already in process"
90198	10/10/00	Steam Heater	No heat
90210	10/10/00	Steam Pipes	Open the steam valves on the pipes for the heating system of the depot. Attention, facilities maintenance.
90232	10/10/00	Steam Heater	We have no heat in the hanger.
90306	10/10/00	Steam	46 hangar-penthouse, 3rd floor has a lot of water leaking from light and ceiling tiles
90327	10/10/00	Steam Heater	Steam needs to be turned on due to temperature is 65 degrees in shop and artisans cannot wear jackets due to safety. Send to dayshift
90361	10/11/00	Steam	Constant water drip from overhead area outside ASKARS, station 1, by hangar doorway flaps. Puddle on floor.

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Ticket Number	Date Created	Problem Type	Description
90379	10/11/00	Steam Heater	No steam heat in bldg 188
90415	10/11/00	Steam Pipes	Need pipefitter service/replace steam valve below tank no. 450D; overtemping. Thanks.
90421	10/11/00	Steam Pipes	Need pipefitter service/repair gasket leak on condensate pump in mechanical room ASAP. Thanks.
90427	10/11/00	Steam Pipes	Need pipefitter service/repair gasket leak on condensate pump in mechanical room ASAP. Thanks. WC-50
90434	10/11/00	Steam Pipes	Need to have steam coil checked on tank. See POC thanks
90483	10/12/00	Steam Leaks	Repair 2 each steam leaks in the bearing shop
90707	10/16/00	Steam Leaks	Repair steam leak in stall 1
90817	10/16/00	Steam Pipes	Steam water line is leaking inside T64 lube pump test stand in 4&5 test cell. Work stoppage
90822	10/16/00	Steam Pipes	Floor drain below emergency eye station clogged. Located outside test cell control room 3&4 by canning area.
90832	10/16/00	Steam Pipes	Need mech return/determine poss. Install of wrong type steam valve on tank no. 450E; still overtemping. Thanks.
90861	10/17/00	Steam Leaks	Steam pipe in small chemical room next to PC. Leak is on the right hand side as you walk in the door.
90868	10/17/00	Steam Leaks	Equipment room--main steam line, leaking; room located towards front of bldg 133 near entrance. WC-50
90874	10/17/00	Steam Leaks	Steam point 6 leaking around clamp area
90888	10/17/00	Steam Leaks	Steam pit #6 leaking around clamp area; bldg 137, station 42
90905	10/17/00	Steam Pipes	I have to pipes coming out of floor that are open and a open 2" separation in pavement that needs to be cover even with floor. Safety office wrote this up. Contact for location. "trip hazard"
90931	10/17/00	Steam Leaks	Request FMD secure steam to bldg 133 for repairs to steam line in equipment room, Tuesday, 10/17/00, 1530-1830. OT authorized as required. WC-50.
90970	10/17/00	Steam Leaks	Steam leak
91010	10/18/00	Steam Leaks	The steam pipe behind descale tank is leaking need to be fix ASAP. It is a job stoppage thank you.
91052	10/18/00	Steam Leaks	There is a steam leak under the 2nd floor mezzanine beside the office. Someone placed a drip tray under it but no further action has been done to repair the leak.
91142	10/19/00	Steam Leaks	Steam leak in test cell #3
91143	10/19/00	Steam Pipes	Need pipefitter service clogged steam valve/pipe/radiator system below tank no. 439C. Thanks.
91151	10/19/00	Steam Leaks	Massive steam leak in overhead pipe
91153	10/19/00	Steam Leaks	Request maintenance check and repair any steam leaks in stall #1 paint hanger.
91156	10/19/00	Steam Pipes	Request maintenance check and repair any steam leaks in stall #2, paint hanger.
91157	10/19/00	Steam Pipes	Request maintenance check and repair any steam leaks in stall #3, paint hanger.
91158	10/19/00	Steam Pipes	Request maintenance check and repair any steam leaks in stall #4, paint hanger.
91167	10/19/00	Steam Leaks	Steam leak in bathroom
91169	10/19/00	Steam Leaks	Steam pouring out of steam room

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Ticket Number	Date Created	Problem Type	Description
91171	10/19/00	Steam	Pipe leaking, coming from top of ceiling somewhere over pylon rework area.
91216	10/19/00	Steam	Leaky pipes
91218	10/19/00	Steam Leaks	Steam leak on main line between 421 & 133. Needs to be done during steam outage
91219	10/19/00	Steam Leaks	Steam station #2, repack 1 @ 2.5 gate valve, needs to be done during steam outage on 10/22/00.
91251	10/20/00	Steam	Hose busted in the steam cleaning area
91290	10/20/00	Steam	Leak in hot water supply over head in main aisle
91322	10/20/00	Steam	Leak in hot water supply over head in main aisle
91328	10/20/00	Steam Leaks	Request maintenance check and repair any steam leaks in stall #4, paint hanger.
91331	10/20/00	Steam Leaks	Request maintenance check and repair any steam leaks in stall #4, paint hanger.
91336	10/20/00	Steam	Leak in hot water supply over head in main aisle
91337	10/20/00	Steam	Leak in hot water supply over head in main aisle
91482	10/23/00	Steam Leaks	Repair steam leak 2" on nipple, bldg 245 WC-50
91483	10/23/00	Steam Leaks	Repair steam leak on 2" nipple on condensate line bldg 1689 J-79 test cell. WC-50
91504	10/23/00	Steam Leaks	Hot water tank next to soda blaster is leaking steam from the back side of pipes; work stop.
91557	10/24/00	Steam Heater	Work stoppage. No heat in 53 paint hanger. In process of painting an aircraft and paint won't dry very fast cold.
91586	10/24/00	Steam Leaks	No or low steam on tanks
91619	10/24/00	Steam Leaks	Steam leak on overhead pipes in cleaning shop flushing area. thanks
91666	10/25/00	Steam Leaks	The steam pipe on the hot water rinse tank #2 is leaking; need checking ASAP. Thank you.
91671	10/25/00	Steam Leaks	Water steam condensate coming up from somewhere - flooding NDI central area, fast *****urgent *****
91757	10/25/00	Steam Heater	Water dripping from steam heat unit outside bldg
91783	10/26/00	Steam Leaks	Steam leak in clean line machine, work stop
91784	10/26/00	Steam Leaks	Steam leak tank number ten. Work stop. Element also needs to be replaced.
91829	10/26/00	Steam Leaks	We need the steam pipe fix on the hot water rinse tank ASAP. It a job stoppage thank you.
91853	10/26/00	Steam	Steam pipes leaking by front door of shop near the lockers. This problem is a recurrent problem that was addressed last month. Priority 1
91876	10/26/00	Steam Pipes	Steam leak strip barn bldg 137
91887	10/26/00	Steam Leaks	Work stoppage; steam hoses on steam points # 6A & 6B busted; please repair or replace ASAP
91907	10/26/00	Steam Pipes	Parts washer
91949	10/27/00	Steam	The heater, above the roll-up door in front of bldg 1798, is leaking steam and water
92073	10/30/00	Steam Leaks	Steam station 133A, air compressor mechanical RM, repair steam leak on 4" strainer.

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Ticket Number	Date Created	Problem Type	Description
92080	10/30/00	Steam Heater	Blower #7 is not working. Blowers #9, #10, & #11 are blowing cold air.
92095	10/30/00	Steam Leaks	Water leak at valve on top of AC unit in the annex. in the shop, instead.
92127	10/30/00	Steam Pipes	Steam pipe leaking overhead in hanger area.
92180	10/30/00	Steam Leaks	Steam leak in ramp bldg behind 5 axis toyoda
92193	10/30/00	Steam Leaks	Replaced relief valve has let go. Getting hot water every where! Work stoppage!! Help!!
92209	10/31/00	Steam Leaks	Replaced relief valve has let go. Getting hot water everywhere! Work stoppage! Help!! Repipe relieve to outside
92260	10/31/00	Steam Leaks	Repair leak on condensate pump
92273	10/31/00	Steam Heater	We have a steam leak and no heat.
92274	10/31/00	Steam	Replace repair pump in the equipment room 4224 check out the tank etc.
92347	10/31/00	Steam Pipes	Repair broken line on anodizing tank. Work stoppage.
92394	11/01/00	Steam Leaks	Steam control station 133C, Taylor Street entrance, repair and insulate steam piping in ceiling area as necessary
92410	11/01/00	Steam Leaks	Need pipefitter service/repair steam leak below tank no. 427C. Thanks.
92504	11/02/00	Steam Pipes	No heat in robotic shot peen room steam lines May be malfunctioning
92518	11/02/00	Steam Leaks	We have a steam leak in the back of the descale tank need fixing ASAP. Job stoppage; thank you.
92540	11/02/00	Steam Leaks	Steam leak in shop and is causing a safety issue. Please fix ASAP.
92583	11/02/00	Steam	Steam station 133A air compressor mechanical room A Street side replace gasket in 4" steam strainer
92611	11/02/00	Steam Leaks	Leak on steam heater in x-ray area of bldg #188. NDI called in. Thanks
92635	11/03/00	Steam	Shop 659 overhead water leak paint shop break room.
92682	11/03/00	Steam Leaks	Steam leak at the gland of steam meter # 9, in the mechanical room, bldg 4224
92683	11/03/00	Steam Leaks	Steam leaking from the gland of steam meter # 11 in the mechanical room, bldg 4225
92689	11/03/00	Steam	Check steam pits on a street feeding bldgs 4225/159 to be sure steam is being distributed appropriately
92709	11/03/00	Steam	Water leak in hall way by T-58 shop
92724	11/03/00	Steam Leaks	Repair steam leak located in area of column E-15, bldg 133. (Electronic control device has been shut off; need steam leak repaired ASAP). (Did shut off steam until repairs can be made)
92740	11/06/00	Steam Pipes	Repair, replace leaking pipe in the carpenter shop
92774	11/06/00	Steam Heater	Remove existing heater and install new titanium heater. See for materials.
92776	11/06/00	Steam Heater	#10 will not shut off. No steam heat in 188
92820	11/06/00	Steam Leaks	Steam coming up from crack between bldg and 137 receiving deck.
92824	11/06/00	Steam Heater	Heater over walk-in booth, leaking at trap [corrosion barn]. This is a steam leak

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Ticket Number	Date Created	Problem Type	Description
92839	11/06/00	Steam	Repair leak in the Pizza Hut.
92894	11/07/00	Steam Leaks	OT authorized for Sunday 19 Nov 2000, from 0700 until repairs complete in various areas of depot bldgs. WC-50
92945	11/07/00	Steam Leaks	Got steam leak in mechanical room.
93056	11/08/00	Steam Leaks	Steam cut off to small parts washer. (Work stoppage)
93065	11/08/00	Steam Pipes	Steam condensate leaking from overhead pipe into production control area in bldg 4225. Contact for location.
93066	11/08/00	Steam Heater	Steam heater in compressor room leaking
93196	11/09/00	Steam Heater	Repair, replace stopped up traps as per instructions
93231	11/09/00	Steam	Leak from ceiling by bathrooms in hallway into 930, this is slip hazard. Thanks you
93282	11/09/00	Steam Pipes	Steam point 6 hoses busted
93297	11/13/00	Steam	Strip barn - condensate line broke hot water streaming over tool room
93299	11/13/00	Steam	Hot water leaking in equipment room across from main tool room. Pipe has been marked with arrow, gate valve closed. Urgent! Water all on floor.
93301	11/13/00	Steam Heater	Heater coil pipes, have leaks at (2) two joints. (Work stoppage).
93312	11/13/00	Steam	Over head heater is leaking by blast booth
93314	11/13/00	Steam	Overhead pipe leaking at Mezzanine C in aisle
93315	11/13/00	Steam	Repair steam leak in the strip barn station A,
93317	11/13/00	Steam	Repair steam leak on nipple.
93327	11/13/00	Steam	Steam meter #6, bldg 188 is showing 0 flow on the flow computer while the heaters are blowing hot air in the hangar. Check the functioning of the meter.
93329	11/13/00	Steam Leaks	Steam leaking from the gland of steam meter #7, bldg 133 in the compressor mechanical room
93330	11/13/00	Steam Leaks	Steam leaking from gland at steam meter #2, bldg 245
93351	11/13/00	Steam Heater	Steam leak; pipe running vertical down the wall, behind the acid scale gone tank. (Work stoppage)
93359	11/13/00	Steam Leaks	Eatery, no hot water and almost no water pressure
93366	11/13/00	Steam Heater	Water is running from steam heater in per side
93374	11/13/00	Steam Heater	Steam pipes have been banging for almost a week now in the back room. Also have a leak from one of the heaters.
93389	11/13/00	Steam Leaks	Steam leak in ramp bldg
93391	11/13/00	Steam	Water leaking from ceiling in the shaft area. Thanks
93396	11/13/00	Steam Pipes	Have contractor who changes water fountain filter change filter for the sink.
93412	11/13/00	Steam Heater	Steam heater I bldg 4497 relief valve is blowing off inside bldg
93424	11/13/00	Steam Leaks	Steam hoses point B/ busted
93446	11/14/00	Steam	Bad steam leak
93448	11/14/00	Steam	Steam leak in air handler

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
93463	11/14/00	Steam	Steam meter #6, bldg 188 is showing 0 flow on the flow computer while the heaters are blowing hot air in the hangar. Check the functioning of the meter.
93499	11/14/00	Steam	Roof leaking water near electrical panels. Safety hazard.
93536	11/14/00	Steam Leaks	Steam hose busted #7 work stopped
93538	11/14/00	Steam Leaks	Steam point B busted hoses
93541	11/14/00	Steam Leaks	Steam point 6 busted hoses
93546	11/14/00	Steam Leaks	Heater over back door 137 at machine shop is leaking steam from threaded fitting. Is getting worse by the minute. Needs attention thanks
93553	11/15/00	Steam Leaks	Repair leak in the steam line
93555	11/15/00	Steam Pipes	Water nozzle broke off
93570	11/15/00	Steam Leaks	Cleaning machine has steam leak.
93582	11/15/00	Steam	Pipes in ceiling are leaking and need repair. Production control area
93600	11/15/00	Steam Pipes	Steam hose on the steam gun in steam rack is leaking
93615	11/15/00	Steam Leaks	We have no steam in cleaning booth of bldg 1798 please repair ASAP
93620	11/15/00	Steam	Pipe is still leaking where heater was removed several months ago. Please fix leak and dump the three buckets of water from drip. This is the third attempt to solve this leak. Leak is on mezzanine above shop.
93627	11/15/00	Steam	Steam meter #6, bldg 188 is showing 0 flow on the flow computer while the heaters are blowing hot air in the hangar. Check the functioning of the meter.
93628	11/15/00	Steam Leaks	Reported a heater leaking prior. Now we have 2 heaters leaking. Needs to be looked at ASAP. Will be a safety hazard plus cause work stoppage. Thanks
93631	11/15/00	Steam	Leak in the TTU-205 room below Mezzanine F repair as necessary.
93657	11/15/00	Steam Heater	Repair overhead steam heater bldg 245
93661	11/15/00	Steam Leaks	Steam gun #7 needs hose ASAP work stoppage!!
93701	11/16/00	Steam Leaks	Overhead steam pipe leaking hot water
93720	11/16/00	Steam Leaks	The steam pipe is leaking on the corrosion tank it to be fixed ASAP. It is a job stoppage thank you.
93738	11/16/00	Steam Heater	Replace 60 feet of condensate line and insulate line when complete NTE \$ 1550.00 work stoppage!
93761	11/16/00	Steam Leaks	Main steam line that supplies 133 is leaking in mechanical room
93796	11/17/00	Steam Leaks	Main steam line that supplies 133 is leaking in mechanical room
93895	11/17/00	Steam Leaks	Steam gun leaking water from gun. M04-M06
93908	11/18/00	Steam Pipes	Water jacket on first Lindberg has come apart-spewing water all over motor and electrical wiring. Thank you
93928	11/20/00	Steam Heater	There is no steam heat coming from the blowers in bldg 188. Repeat discrepancy.
93950	11/20/00	Steam Leaks	Steam leak under floor grade next to column. C-8, H53 hangar, bldg 137. WC-50

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Ticket Number	Date Created	Problem Type	Description
93964	11/20/00	Steam Pipes	Waterholes leaks water; work stop strip barn bldg 137
94064	11/21/00	Steam Pipes	Valve making loud noise in front hallway.
94065	11/21/00	Steam Leaks	Tank 14 has a steam leak down in the tank.
94101	11/21/00	Steam Pipes	No steam going to carbon removal tank
94111	11/21/00	Steam Leaks	Steam condensate line laying on ground behind bldg 137 creates a trip hazard. Please reroute. Line also presents a potential burn hazard (if it bursts). Please expedite removal or rerouting of line.
94123	11/21/00	Steam Pipes	Pipe to steam heater in test cell #6 is broken.
94143	11/21/00	Steam Heater	No steam heat in test cell #6
94155	11/21/00	Steam Leaks	Tank 14 has a steam leak down in the tank.
94172	11/21/00	Steam Pipes	Repair steam line on chromic acid tank also repair handle on steam line.
94177	11/22/00	Steam Pipes	Where electric cart for the toolroom is parked, the steam pipe is leaking onto the electric cart.
94178	11/22/00	Steam Pipes	There is not any heat in the strip barn. It has been two days. I am going to shut down production as of this morning. Please fix today.
94193	11/22/00	Steam Heater	No heat
94212	11/22/00	Steam Leaks	Leak in steam line going to tank in rework shop
94254	11/22/00	Steam Heater	Need steam turned on at heaters in small strip area.
94335	11/24/00	Steam Leaks	Bad leak at the main steam unit in ramp bldg
94338	11/24/00	Steam Leaks	Condensate steam pumping station in the ramp bldg of the machine shop overflows water on the floor. An approximately 3" pipe draining into a bowl type reducer to a 3/4" pipe overflows. Also pump motor shorted. (Send to facility maintenance).
94340	11/25/00	Steam Leaks	Relief valve leaking condensate all over the floor in the machine shop area ramp bldg Also appears that a bad condensate motor has been taped off. Please repair.
94369	11/27/00	Steam Pipes	Carbon removal tank 12 has no steam going to it
94374	11/27/00	Steam Pipes	No steam in back room of machine shop. Heaters are banging and knocking.
94418	11/27/00	Steam Leaks	Steam leaking into electrical junction box in ramp bldg
94457	11/27/00	Steam Pipes	Pipe leaking in AHU #1 near valve #6
94465	11/27/00	Steam Leaks	We have a leak in the steam line by the sink and the sink is stopped up.
94559	11/28/00	Steam Leaks	Check/repair bad coil in air handler that is leaking into work area below.
94561	11/28/00	Steam Pipes	Repair lift station pumps, the pits inside the paint shop are extremely high with water. Hazmat is pumping the pits out but request action be taken to repair lift pumps.
94567	11/28/00	Steam Leaks	Call station for repair of steam leak at the main steam line located at the side entrance to bldg 159, where NADEP steam meter is installed.
94604	11/29/00	Steam Pipes	4181-I rust remover tank, was fixed recently but incorrect. (Work stoppage)

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Ticket Number	Date Created	Problem Type	Description
94618	11/29/00	Steam Leaks	Issue ticket to station's facilities maintenance to check steam leak in steam pit located at Taylor Drive in front of bldg 188. This a repeating deficiency.
94637	11/29/00	Steam Leaks	Replace condensate line and check/repair heater in equipment room
94647	11/29/00	Steam Leaks	Repair steam leak on steam valve, bldg 137
94650	11/29/00	Steam Pipes	Repair waterholes to steam pipe strip barn bldg 137 work stop
94760	11/30/00	Steam Leaks	Replace check valve on sprinkler system bldg 188 WC-50
94761	11/30/00	Steam Leaks	Replace main drains on sprinkler system bldg 188 WC-50
94766	11/30/00	Steam Leaks	Steam pit inside nitrogen fenced area at bldg 3766 has busted steam supply pipe. WC-50
94786	11/30/00	Steam Leaks	Condensate return line to tank in shop 93111 stopped up/leaking
94787	11/30/00	Steam Leaks	Check/repair steam trap to bldg 83 that is affecting heat. WC-50
94801	11/30/00	Steam Leaks	Steam leak at bldg 245; steam running into drain lines. WC-50
94840	11/30/00	Steam	Steam is coming out behind the soda blaster; it is like a hissing sound.
94864	12/01/00	Steam Leaks	Steam leak which means no heat!
94887	12/01/00	Steam	Steam is coming out behind the soda blaster it like a hissing sound.
94895	12/01/00	Steam Leaks	Steam converter - pressure relief valve leaking; 3 1/2" 90 degree leaking; union leaking WC-50
94913	12/01/00	Steam Leaks	Steam pipe leaking under grate by alodine tank.
94940	12/01/00	Steam Leaks	Repair leaking condensate pump.
95065	12/04/00	Steam Heater	Strip barn needs to have steam fixed. We have not had any steam since 11:00. Work stoppage.
95067	12/04/00	Steam Pipes	We have no steam for cleaning parts or aircraft. We are at a work stoppage.
95081	12/04/00	Steam Pipes	Our men's bathroom heating system is down and I think its due to the steam pipes being stopped up. This is the second WO I've turned in. Thanks
95096	12/04/00	Steam Leaks	Washer has a leaking pipe.
95116	12/05/00	Steam Pipes	Need leaks repaired in anodize tank.
95146	12/05/00	Steam Pipes	Descaler tank steam pipe is leaking. It needs to be fixed ASAP. It is a job stoppage thank you.
95161	12/05/00	Steam	Massive steam leak in overhead pipe
95182	12/05/00	Steam Heater	No steam to 6 modine heaters located in center of ceiling, a street side, H46 hangar, bldg 137 urgent!!
95187	12/05/00	Steam Heater	Make repairs to coil in unit #4, plating shop, bldg 4035
95216	12/05/00	Steam Pipes	Steam is leaking out of heater located above the stock area in the central tool room. Water is starting to drip on cabinets containing tooling.
95256	12/05/00	Steam Leaks	Repair steam gun leak on M-04 strip barn. This is a work stoppage.
95280	12/06/00	Steam Heater	Steam heater is leaking water.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
95291	12/06/00	Steam Pipes	Water leak in test cell no. 10
95311	12/06/00	Steam	Massive steam leak in overhead pipe (previously reported)
95342	12/06/00	Steam Leaks	Repair unit #6 on top of bldg 4035 (leaking coil)
95345	12/06/00	Steam Leaks	Pressure relief valve blown. WC-50
95352	12/06/00	Steam	Water leaking from ceiling in the shaft area. Thanks
95354	12/06/00	Steam	Massive steam leak in overhead pipe
95499	12/07/00	Steam Heater	Secure leaking heater over door to bldg 1798 until decision made to replace. WC-50 turn off today because it is leaking onto electrical wires
95500	12/07/00	Steam Heater	Leaking steam heater in carpenter shop, bldg 84. Urgent repair requested. WC-50
95568	12/08/00	Steam Pipes	Steam leak in carpenter shop.
95572	12/08/00	Steam	Steam line leaking at heater next to salt bath. Needs attention immediately
95607	12/08/00	Steam Pipes	Big steam air handler leaking badly. Please repair ASAP
95613	12/08/00	Steam Pipes	Heater number 94, flight line side of hanger, is leaking water on computer.
95643	12/08/00	Steam	Leak from penthouse directly over paint shop in bldg 133. Leaking badly. Urgent repair!
95648	12/08/00	Steam Pipes	Need pipefitter service; repair steam pipe leak behind corner of small RB tank at floor level. Thanks.
95671	12/09/00	Steam Leaks	Steam leak below heater #3.
95707	12/11/00	Steam Heater	Steam heater is leaking water.
95715	12/11/00	Steam Pipes	Need pipefitter service; repair steam pipe leak behind corner of small RB tank at floor level. Thanks.
95727	12/11/00	Steam Leaks	Steam leak in pipe.
95832	12/12/00	Steam Heater	Prep side 245, #7 heater leaking. Please repair leaks.
95851	12/12/00	Steam Pipes	Leak from penthouse directly over paint shop in bldg 133. Leaking badly. Urgent repair! Steam line, ASAP
95854	12/12/00	Steam Pipes	Need pipefitter service; repair steam pipe/valve leak below line "A", Thanks.
95865	12/12/00	Steam Heater	Steam heater is leaking water.
95899	12/12/00	Steam Pipes	Steam pipe leaking overhead in flush area. Thanks
95973	12/13/00	Steam Heater	Replace steam coil in heater
95975	12/13/00	Steam Heater	Replace steam coil in heater
96054	12/13/00	Steam	Urgent, water is leaking on top of station #65. Near column B24 behind the drink machines.
96078	12/14/00	Steam	Steam leak in overhead pipe
96088	12/14/00	Steam	Major rusty water leak over MRB area. May be coming from penthouse above. Plastic has been put there to hold water. Work stoppage.
96090	12/14/00	Steam Pipes	Leak above parts washer & tank line. Thanks
96145	12/14/00	Steam Pipes	No steam pressure in strip barn work stop
96147	12/14/00	Steam Leaks	Steam holes leak needs repair work stop bldg 137
96164	12/14/00	Steam Heater	Steam leak behind mod squad in the center wing shop This is a very bad leak.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
96171	12/14/00	Steam Leaks	Bad steam leak in corner of bldg, (old center wing shop, station 44)
96204	12/15/00	Steam Leaks	Underground steam leak in parking lot #13 across from bldg 133
96218	12/15/00	Steam Leaks	Steam line leak in ceiling, by emergency exit light, next to conference room bldg 137.
96226	12/15/00	Steam Pipes	Steam rack has a leak in the valve
96241	12/15/00	Steam Leaks	Request FMD secure steam to bldg 137 for repairs on an 8" steam line, in the area of bldg 137 conference room, Sunday, 12/17/00, 0800-1530. OT authorized. WC-50
96276	12/15/00	Steam	A heater was removed from over the toolroom in 137 and now the line is leaking water all over calibrated tooling. Need help ASAP. Thanks
96295	12/15/00	Steam Leaks	Request FMD check 8" steam main located in hallway of conf. Room #1, bldg 137
96324	12/16/00	Steam Pipes	Steam drain on heater over QA-E&E area leaking profusely. Splashing onto computers, data, and employees. Needs repaired ASAP or rain gear issued.
96344	12/18/00	Steam	Steam leak on the condensate line in Mezzanine B
96356	12/18/00	Steam Leaks	Steam leak under floor of #3 test cell control room.
96397	12/18/00	Steam Leaks	Steam trap spraying water ----- puddle on floor
96432	12/18/00	Steam	Office areas has water leaking down on false ceiling, possible steam leak somewhere overhead.
96433	12/18/00	Steam	Bad steam leaks causing water to start coming thru ceiling tiles in office areas, steam coming thru AC ducts, unable to contact anyone at 7654,7655 or 7658. Urgent response needed.
96439	12/19/00	Steam Leaks	Chiller area - pinhole leak in condensate tank.
96468	12/19/00	Steam Pipes	Steam condensate pipe leaking in hallway and in E&E area in bldg 4225. Slip hazard.
96518	12/19/00	Steam Pipes	Please repair steam leak on hot water rinse tank.
96549	12/20/00	Steam Leaks	Need waterholes fix in strip barn bldg 137 work stop
96575	12/20/00	Steam Heater	No steam heat in bldg
96611	12/20/00	Steam Leaks	Drain between 137 and 4033 there is a lot of steam and water gushing
96637	12/20/00	Steam Leaks	Repair overhead steam leak in old FMD shop by center wing shop.
96665	12/20/00	Steam Pipes	Hot water is leaking from the insulated pipes overhead above the agie cut machine. Bucket is on top of machine catching water. (Ask anyone for location of machine.) Send to facility maintenance.
96671	12/21/00	Steam	There is a small leak on preserve line in back.
96674	12/21/00	Steam Pipes	Steam condensate line leaking on EDM drill. This line was replaced a couple of months ago. Work stoppage!
96682	12/21/00	Steam Heater	Repair McQuay heaters in chemical treat area. Work stoppage
96683	12/21/00	Steam Leaks	Platform (transfer station) in equipment room. 2-3" leaking and a 1/2" plug leaking. Please repair
96691	12/21/00	Steam Pipes	Steam leak in control room of test cell #3

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
96713	12/21/00	Steam Leaks	On facilities side of bldg 1665, where white rubber roof is, condensate line blowing lot of water onto roof. WC-50
96764	12/21/00	Steam Pipes	Need to have the steam turn off in clean shop 93111B on 12/22/00 at 12:00 PM
96812	12/22/00	Steam Pipes	Air line agitation in chrome plate tank number T100 is broken and needs repair ASAP.
96858	12/26/00	Steam Pipes	Steam pipe has leaks need to be fix ASAP; work stoppage
96859	12/26/00	Steam	We have a water leak in a pipe close to the ceiling between rotor shop and water tower. Between columns E-24 and E-25. This is a heavy and steady leak. This leak was not here when we left on 12/23. Need someone to look at it as soon as possible.
96866	12/26/00	Steam Leaks	Steam leak
96873	12/26/00	Steam Pipes	1798- D54 busted pipe to steam rack. Safety work-stoppage
96876	12/26/00	Steam Heater	#10/#7 blower on north wall of bldg 188, blowing cold air and leaking water in 3 different places along same wall. These blowers/steam heat have never worked correctly despite the number of trouble calls originated by this shop.
96877	12/26/00	Steam	Water leak from overhead pretty severe small blade shop, column D32, near NDI shop.
96881	12/26/00	Steam Leaks	Test cell 4 & 5 area - steam leaking into test cells. WC-50 urgent!!
96889	12/26/00	Steam Pipes	Steam leak from overhead heater in hangar 1 outside tech library
96895	12/26/00	Steam Leaks	Test cell 4 & 5 area - steam leaking into test cells. Leaking coil
96896	12/26/00	Steam Pipes	Steam leak from overhead heater in hangar 1 outside tech library
96903	12/26/00	Steam Heater	The steam heater for bldg 4037 is leaking water and steam. Need heat to keep fire sprinkler system from freezing
96924	12/27/00	Steam Leaks	Repair steam line on walk-in blaster do immediately
96933	12/27/00	Steam	Water leaking for pipes at column P9
96959	12/27/00	Steam	Leak located at the entrance of the technical library. Dangerous!!
96995	12/28/00	Steam	Safety slip hazard - I think, steam leak overhead in hallway by stairs on Mezzanine C. Between 930 division office and the rest rooms. Need fixed ASAP
97001	12/28/00	Steam Heater	Steam heater in hall, outside of test cells is not working
97003	12/28/00	Steam	Steam leak in overhead pipe, running down on shop equipment and tools.
97007	12/28/00	Steam	Please fix leaking pipe in bldg 1798 next to the paint shop. Water is running into main gearbox test cell.
97013	12/28/00	Steam Leaks	Steam leak on #4 make-up air handler, bldg 4035
97026	12/28/00	Steam Heater	#7 blower on north wall bldg 188 blowing cold air/leaking water. Will require lift to get to it.
97036	12/28/00	Steam Heater	Heater #12 H53 hangar, bldg 137, leaking. Replace coil.
97081	12/29/00	Steam Leaks	Pipes are leaking hot steam bldg 137 strip barn
97085	12/29/00	Steam	Condensate tank float needs adjusting.
97146	01/02/01	Steam Leaks	Steam leak in aisle, (work stoppage can'T run AGV system)

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
97147	01/02/01	Steam	Have a pipe leak in flush area need to be fix ASAP
97160	01/02/01	Steam Pipes	Need steam turned on at steam rack
97163	01/02/01	Steam Pipes	We are not getting any steam to the hot water tank it need to be check out ASAP. And also we are not getting steam to the descaling tank it is a job stoppage thank you.
97165	01/02/01	Steam	Leaking heater in shop 93553 salt bath area. Urgent, safety hazard, work stoppage.
97166	01/02/01	Steam	Water leak in fuse room
97178	01/02/01	Steam	Have a leak coming through ceiling tiles. Am located in the 94400 shops up front in 137, in Hazmat 137C.
97196	01/02/01	Steam Pipes	Pipe in front of sink is leaking on floor.
97215	01/02/01	Steam Pipes	Fire nozzle in the 402 test cell is loose and attached plumbing fixture is bent
97222	01/02/01	Steam Leaks	Steam leak in aisle, (work stoppage can'T run AGV system)
97231	01/02/01	Steam	Water leak in equipment room in bldg 4224. Needs quick action
97241	01/02/01	Steam Heater	Heater in production control area broken.
97283	01/02/01	Steam Pipes	The steam pipe to the dip tank is leaking again.
97298	01/03/01	Steam Leaks	Ceiling steam heater leak inside heater very bad. It could give way and scald someone underneath it. Takes a full size trash can to hold the leak water.
97309	01/03/01	Steam	Leak between Hazmat And south side of bldg 245 has frozen over and is a safety threat. Needs salt and signs.
97324	01/03/01	Steam Pipes	Replace faulty steam traps in bldg 4225. Blowing off excess steam thru steam vent pipes.
97338	01/03/01	Steam Leaks	Secure steam to bldg 83 at 1215, today, 1/3/01, for Elecon to repair a leaking heater. WC-50
97339	01/03/01	Steam	Yesterday a request was put in (97156) to take care of leak in hanger. It is an extensive leak and causing problems such as puddles, moisture in air, eliminating space to put AC and components in. Please take care ASAP as it causes rework. Thanks.
97359	01/03/01	Steam Heater	Repair modine heater in bldg 139
97368	01/03/01	Steam Leaks	Steam condensate leaking from overhead pipe in silver recovery room of bldg 139, located next to bldg 424
97390	01/04/01	Steam	Water dripping and puddling up on floor at the entrance to bldg 133 lobby slip hazard. Contact for more info.
97392	01/04/01	Steam	Leak in front of office bldg 133, need immediate attention.
97408	01/04/01	Steam Heater	Check four heaters that are turned off and make appropriate repairs as required.
97411	01/04/01	Steam Pipes	Water leaking from steam line outside of bldg 138 on northeast wall.
97420	01/04/01	Steam Heater	Repair leaking trap assembly, over hot air test cell.
97460	01/04/01	Steam Leaks	Steam pit #274, squadron side of bldg 4034, blowing out steam; asphalt also starting to cave in.
97501	01/04/01	Steam Pipes	Water dripping at the valve of hot water return line in the mechanical room bldg 4224. About 3 feet of insulation of the pipe is damaged from water running inside the insulation.

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Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
97502	01/04/01	Steam Pipes	Water dripping at the cut off valve of the hot water return line in the mechanical room, of the training bldg 4034. About 3 feet of pipe insulation is damaged because of the water running inside the insulation.
97503	01/04/01	Steam	Replace steam valve on descale tank in pneumatic cleaning area. Shop 65100, have valve in stock
97504	01/04/01	Steam Leaks	Steam is leaking at the relief valve in the mechanical room, bldg 4224. Water is dripping on the floor. This problem is recurring.
97505	01/04/01	Steam Pipes	Busted steam hose in steam rack work stoppage!
97519	01/04/01	Steam	Steam pipe in shop near exit by the anodize tank is leaking.
97521	01/04/01	Steam	Pipe leaks under the heating unit for bldg 4034. Need repaired.
97529	01/04/01	Steam Pipes	Steam gun hose has hole. Steam point #4 work stoppage
97566	01/05/01	Steam Pipes	Steam line leaking. Steam has been cut off by maintenance. Water has saturated ductwork causing it to separate. Shop work area had to be roped off due to the overhead leak. This is a work stoppage.
97577	01/05/01	Steam Pipes	Men's room steam/water leaking on the floor
97586	01/05/01	Steam Pipes	Need to have air line put into new metal spray area
97588	01/05/01	Steam	Replace steam valve on descale tank in pneumatic cleaning area. Shop 65100, have valve in stock, need ASAP
97662	01/05/01	Steam Leaks	Steam leak in bldg 139 by compressor #6.
97707	01/06/01	Steam Leaks	ASKARS, SIS stacker # 2 containers on top rows in one column had water in them, looks like a leak in above steam pipes.
97730	01/08/01	Steam Leaks	Over head pipes leaking, water on floor, ceiling tiles are about to fall, need help ASAP
97732	01/08/01	Steam Leaks	Two steam leaks in shop depositing water through ceiling tiles onto floor. Please prioritize this.
97743	01/08/01	Steam Pipes	Value leaking incoming steam after regulator.
97754	01/08/01	Steam Leaks	Water pouring out of overhead steam heater, need ASAP
97769	01/08/01	Steam Heater	Shop 93111, column 61, steam heater leak over top of PMB booth very urgent this be repaired. See for further info.
97790	01/08/01	Steam Pipes	Water leak at beam I-28 in H46 hangar
97837	01/08/01	Steam Leaks	Steam leak in equipment room upstairs.
97847	01/08/01	Steam Pipes	Leaking water out of gate valve, profusely on to floor and parts. Should be addressed ASAP.
97865	01/08/01	Steam	One of the heaters in corrosion has a leak from the pipe that goes into the bottom of heater
97872	01/08/01	Steam Heater	Steam heater will not maintain a temperature of 70 degrees. Fan runs all the time. Temp at 63 degrees. Now.
97876	01/08/01	Steam	Hot dip tank for little soda blast is not as hot as it should be work stoppage !
97891	01/09/01	Steam	Water leak in test cell, secure valve
97892	01/09/01	Steam	Water leak steam valve F402 test cell, repair or replace gate valve hot!
97899	01/09/01	Steam	Water leak steam valve F402 test cell, repair or replace gate valve hot!

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
97901	01/09/01	Steam	Water leak steam valve F402 test cell, repair or replace gate valve hot!
97974	01/09/01	Steam	Pipe in mechanical room leaking
97985	01/09/01	Steam Pipes	Value leaking incoming steam after regulator.
97989	01/09/01	Steam	Hot water heater leaking internally located at beam J-1 in the aircraft bay
97999	01/09/01	Steam	Hole in heat core in hot dip tank for little blast. Work stoppage, second time work order has been put in. *requires a confined space permit*
98033	01/10/01	Steam Leaks	Steam line to heater leaking
98057	01/10/01	Steam Leaks	Steam leak on valve
98103	01/10/01	Steam	I placed a work order in on Tuesday about one of the steam pipe leaking from one of the heaters now we have two heaters leaking water that we need to have repaired
98132	01/11/01	Steam Leaks	There is a smell of steam in the upstairs area and the over flow is running quite a bit outside the bldg
98149	01/11/01	Steam	Leak in B-137 Mezzanine B - as you go in compressor room to the left.
98193	01/11/01	Steam	Steam leak in overhead pipe, coming down on shop tools and equipment. This same leak was repaired last week by contract maintenance people.
98207	01/11/01	Steam Leaks	Steam leak in mechanical room bldg 188
98268	01/12/01	Steam Pipes	Need pipefitter to install heating coil in tank # 168A
98269	01/12/01	Steam Leaks	Steam leak on overhead return pipe. Fix ASAP!
98271	01/12/01	Steam Leaks	Steam leak up on roof area coming in over steam pipes
98276	01/12/01	Steam Leaks	Has a leaks in steam pipe; need to fix ASAP; getting ready to break; safety hazardous
98277	01/12/01	Steam Leaks	Condensate pipe leaking in the door to the left (compressor room) on Mezzanine B.
98278	01/12/01	Steam Leaks	Mezzanine D shop 94106 1 1/2" x 3 nipple leaking at the threads.
98280	01/12/01	Steam	Water or steam pipe leaking ceiling bldg 84 paint shop
98283	01/12/01	Steam Leaks	Modine heater leaking- needs immediate attention. Also an elbow is leaking upstairs.
98309	01/12/01	Steam	Leak in the ceiling over desk.
98314	01/12/01	Steam Heater	Heaters leaking water/ please repair
98368	01/12/01	Steam Heater	Request steam shut-down for one hour on Wednesday 17 Jan 2001 - assist Elecon (contractor)
98371	01/12/01	Steam	Leak at bottom of the stairs Mezzanine G, by candy machines
98381	01/12/01	Steam	Steam pipe leaking in corner of main shop in troubleshoot area. Safety violation.
98388	01/13/01	Steam Leaks	Steam pipe to heater leaking in test cell area.
98468	01/16/01	Steam Leaks	Steam valve leaking in main steam room
98484	01/16/01	Steam Pipes	Perform cont. analysis survey on depot steam traps
98528	01/16/01	Steam Leaks	Repair leak on air handler. WC-50
98529	01/16/01	Steam Leaks	On cell #4, steam coil leaking; steam tap leaking. (there are 4 cells that dehumidify air into the paint hangar)

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
98543	01/16/01	Steam Pipes	Steam safety valve relieving in compressor room
98582	01/17/01	Steam Heater	Replace condensate line for the men's bathroom heaters to fix lack of heat problem.
98617	01/17/01	Steam	Repair overhead steam leak in shop 96556, bldg 421.
98618	01/17/01	Steam Leaks	Bldg 84 paint shop spray booth - overhead steam leak. Please check/repair
98619	01/17/01	Steam	Bldg 133, middle aisle way, column E-17, hot water leak coming from heat exchanger. (Turn through plastic curtains and behind column E-17 is leak)
98662	01/17/01	Steam Pipes	Steam pipe in room over production control (room opposite women head) area leaking. Pipe is hot. Very dangerous to electrical equipment in PC area and to people working in the PC area.
98668	01/17/01	Steam Pipes	Move chiller lines for toyoda 51 machine behind the chipper
98670	01/17/01	Steam	Steam leak on the carpenter shop
98694	01/17/01	Steam Leaks	Anodize tank has steam leak.
98737	01/18/01	Steam	Need to have steam pressure regulator replaced on low pressure steam line in bldg 4225. Send to FMD.
98737	01/18/01	Steam Heater	Need to have steam pressure regulator replaced on low pressure steam line in bldg 4225. Send to FMD.
98762	01/18/01	Steam Pipes	Replace drain system on strip barn side next to office
98777	01/18/01	Steam Heater	Repair steam leak in test cell # 1 behind the control room. Fix ASAP!
98813	01/18/01	Steam	Pipe leaking over calibration. Lab need fixed ASAP
98831	01/18/01	Steam Leaks	Pumping station isn'T working, water is running over floor
98832	01/18/01	Steam Leaks	CH46 steam heater is leaking, located outside shop 94203, heater has been shut off
98891	01/19/01	Steam Leaks	Steam leaking from steam line, line needs to be tightened.
98894	01/19/01	Steam Leaks	Steam leaking pipes to heating unit inside bldg, safety hazard.
98900	01/19/01	Steam Leaks	Repair broken steam traps and air vents on top of bldg 245 WC-50
98901	01/19/01	Steam Leaks	Leak on condensate line in upper level of mechanical room, bldg 4032
98922	01/19/01	Steam Leaks	Repair 3 additional fittings located on pipe in mechanical room that are leaking, bldg 4032
98977	01/19/01	Steam Leaks	Condensate pump outside of strip barn (runway side) malfunctioning. Repair as necessary.
99029	01/22/01	Steam	Leak from ceiling, next to 53 hanger at the old 930 brown bag room 94000 SBU
99031	01/22/01	Steam Pipes	A leak that was supposed to be fixed Friday is now leaking worse, causing a slip hazard on the floor. if this can be fixed ASAP it would be greatly appreciated.
99051	01/22/01	Steam Heater	No steam pressure to permanganate tank. (work stoppage)
99077	01/22/01	Steam Leaks	Leak on relieve valve located in mechanical room, bldg 4224.
99220	01/23/01	Steam Heater	Overhead heaters (2 each) in center of the hanger do not work; they blow cold air continuously.
99238	01/23/01	Steam Leaks	McQuay air handler x-20044, model RDS900B3, bldg 133, NE corner on roof. Major steam leak at main cut off

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
99300	01/24/01	Steam	Replace leaking gate valve in ceiling area by column E22. Safety hazard
99322	01/24/01	Steam Pipes	Steam pipe on heater in strip barn leaking bad/ please repair
99329	01/24/01	Steam Heater	Heater #10 leaking & water on floor; was previously repaired by another contractor. Repair did not work.
99329	01/24/01	Steam Heater	Heater #10 leaking; was previously repaired by another contractor. Repair did not work.
99340	01/24/01	Steam	Anodize tank has some leaks and they need to be repaired.
99345	01/24/01	Steam Leaks	Condensate tank located on shop floor bldg 4035 is leaking.
99350	01/24/01	Steam Leaks	Condensate pump located in the NE corner of B-245 next to fire suppression system is leaking. (Possibly union leaking)
99355	01/24/01	Steam Leaks	Steam condensate tank leaking at flow connection, steam control room, east wall of prop shop, B-137 WC-50
99365	01/24/01	Steam Leaks	Repair steam leak overhead steam station platform just inside middle hangar of B-137 coming from front lobby area. WC-50
99367	01/24/01	Steam Leaks	Replace plug in steam trap leaking, bldg 133
99369	01/24/01	Steam Leaks	The automated cleaning line has a steam leak.
99379	01/24/01	Steam Leaks	Steam heater #94 leaking water is running on computer this is an ongoing problem, can'T seem to make a repair that last.
99417	01/24/01	Steam Pipes	Steam pipe leak overhead at I beam F-27 in the H46 hangar. Water on the floor creating safety hazard.
99420	01/24/01	Steam Pipes	Near column B27 piping to steam heater is leaking running down wall of electric shop on H46 hangar side bldg 137.
99435	01/25/01	Steam Leaks	Steam leak bldg 137 Mezzanine B at elbow. There is a cardboard note attached to the pipe.
99452	01/25/01	Steam Leaks	Serious steam leak east side of hangar water leaking into circuit breakers! This is a continuing problem and needs fast attention! from front of bldg right side of hangar, will see on east wall as you first walk in.
99452	01/25/01	Steam Leaks	Serious steam leak east side of hangar water leaking into circuit breakers! This is a continuing problem and needs fast attention!
99459	01/25/01	Steam	Steam pipe leaking bad around electrical roll connection. Shock hazard. Can'T miss it, big trash can catching water.
99472	01/25/01	Steam Pipes	Steam pipe leaking in maintenance room on Mezzanine F calibration lab.
99474	01/25/01	Steam Leaks	In AEP area, pipe or union next to control valve, leaking steam, bldg 4225.
99485	01/25/01	Steam Leaks	Replace 10 bucket traps, bldg 245. WC-50
99520	01/25/01	Steam Heater	Heater #12, H53 hangar, bldg 137 - replace belt
99610	01/26/01	Steam Leaks	Mechanical room, bldg 133, has a leak in a 90 degree elbow. Please repair ASAP, and remove any standing water on floor
99621	01/26/01	Steam Heater	1/2" union leaking steam in mechanical room.
99624	01/26/01	Steam Heater	Steam leak in mechanical room in main men's head next to graphic arts.
99661	01/26/01	Steam Leaks	Steam condensate tank leaking at flow connection, steam control room, east wall of prop shop, B-137
99672	01/26/01	Steam	Check steam line in QA section of bldg 133, SE of column B-24 where they have dehumidifiers. It is cold in area - employees will be working tonight/tomorrow. WC-50

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
99679	01/26/01	Steam	Heater #34 in tube area of shop 93653 is leaking bad needs steam shut off or fitting repaired. Hot water is dripping on people working below this heater!
99687	01/26/01	Steam Pipes	Overhead steam pipes leaking between I beams at station 13-B in main corridor near H46 hanger. Slip hazard.
99711	01/29/01	Steam Heater	Replace relief valve in steam supply room.
99726	01/29/01	Steam Leaks	Check out steam pit located inside carpenter shop, bldg 84, to ensure appropriate heat to bldg
99738	01/29/01	Steam	There is a leak coming from the ceiling.
99746	01/29/01	Steam Heater	2" pipe nipple leaking at shut off valve and pressure regulator leaking by air handler unit upstairs.
99748	01/29/01	Steam	Steam leak next to SSE room H46 hangar. ASKARS side of hangar.
99767	01/29/01	Steam	There is a leak in the ceiling of the mailroom in bldg 137.
99779	01/29/01	Steam Heater	Heater #94, H46 hangar, has leaking nipple on dirt leg.
99783	01/29/01	Steam Heater	FH furnace room - repair RNR steam trap and condensate - see before starting.
99858	01/30/01	Steam Pipes	Need pipefitter repair steam pipe leak below tank no. 430C. Thanks.
99910	01/30/01	Steam Leaks	Blowing steam leak in paint shop of bldg 137, between hangar and strip barn about 1/2 way up wall. Very obvious WC-50
99951	01/30/01	Steam Leaks	Steam leak CH53 hanger; NE corner small components paint shop
99972	01/30/01	Steam Pipes	Steam pipe leaking water on floor of shop area producing a slip hazard.
99982	01/30/01	Steam Pipes	Pipe in shop 96119 dripping.
99990	01/31/01	Steam	Pressure relief leaks station 13.5, across from 94105 at top of ladder
100002	01/31/01	Steam Pipes	Extend steam condensate line as per on site visit
100008	01/31/01	Steam Leaks	Inside mechanical room, old camel base, next to prop shop - bldg 137, there is a steam TP valve that needs replacing on drip leg. Valve has been shut off.
100010	01/31/01	Steam Pipes	Pipe is dripping in shop 96119, bldg 133.
100014	01/31/01	Steam Pipes	Steam pipe leaking water on floor of shop area producing a slip hazard.
100065	01/31/01	Steam Heater	Overhead heater is spraying hot water and steam all over shop
100066	01/31/01	Steam Leaks	Repair steam leak in the "heat only " air handler in 4224
100070	01/31/01	Steam	Station 61A hot water is not hot enough to rinse penetrant of the parts. Please check and repair the problem. This is an ongoing problem.
100074	01/31/01	Steam Leaks	Over tool room in bldg 133, leaking from steam trap.
100117	02/01/01	Steam	Paint shop has overhead leak 3 days now, now leaking onto lighting.
100132	02/01/01	Steam Leaks	Steam leaks on tank T 4181 work stoppage
100147	02/01/01	Steam Leaks	Check out and repair several steam leaks, located on Mezzanine B, bldg 137

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
100187	02/01/01	Steam Leaks	Work stoppage!! - steam leak on tank T 4181 I, in clean/strip/corrosion shop
100223	02/01/01	Steam Pipes	Request pipefitter fix steam leak below and to the left of tank no. 415B. Thanks.
100230	02/01/01	Steam	Hot air pipes behind cooling air turbine test cell making a loud noise.
100256	02/02/01	Steam Heater	There is a relief valve or steam trap that is leaking above Mezzanine 19-3. We need fixed immediately due to carpet to be installed this weekend. This job is top priority.
100294	02/02/01	Steam Heater	Heater in steel repair (across from weld shop) not working trap is blocked
100301	02/02/01	Steam Pipes	Request pipefitter service/replace steam valve below tank no. 415B ASAP. Work stoppage in effect. Thanks.
100366	02/05/01	Steam Leaks	Steam leak in E-2 bonding room
100431	02/05/01	Steam Heater	WC-50, heater #8, bldg 188, blowing cold air. Please repair.
100475	02/05/01	Steam	Steam/water leaking from overhead pipe, wetting shop tools and equipment
100478	02/05/01	Steam	WC-50 repair steam meter to bldg 245
100479	02/05/01	Steam	WC-50 repair steam meter to bldg 4035
100480	02/05/01	Steam	WC-50 repair steam meter to bldg 133
100517	02/05/01	Steam Pipes	No steam on tank 090 copper tank thank you
100556	02/06/01	Steam Heater	No heat steam heat in bldg 139
100576	02/06/01	Steam Pipes	Request pipefitter service/repair plastic pipe steam leak below acid tank no. 447E. Thanks.
100623	02/06/01	Steam Heater	Fmd tag on steam reducing station at bldg 139 - office area complaining of no heat. Please check/repair.
100647	02/06/01	Steam Leaks	Steam line busted overhead, above electrical panel.
100650	02/06/01	Steam	Water leaking from overhead pipes in annex room.
100665	02/06/01	Steam Pipes	Request pipefitter service/replace slow steam valve below tank no. 414B ASAP. Work stoppage in effect. Thanks.
100784	02/07/01	Steam Leaks	WC-50 make repairs to pit #269 that feeds bldg 188. OT authorized as required to accomplish work
100785	02/07/01	Steam Leaks	WC-50 repair break on bond in pit #134 that feeds bldgs. 4224, 1798, 3768, 3767, and 4188. OT authorized to accomplish repairs.
100800	02/07/01	Steam	There is a leak from the ceiling, cleaning shop, 93111, bldg 133. Pipes overhead.
100803	02/07/01	Steam Pipes	Steam point 5 needs a new steam line.
100813	02/07/01	Steam Pipes	Repair steam point 7
100820	02/07/01	Steam Pipes	Steam hose busted again steam point # 7
100828	02/08/01	Steam Pipes	Steam pipe in mechanical room on Mezzanine F is leaking repair as soon as possible.
100830	02/08/01	Steam Leaks	Water leak from ceiling next to J6 pole. The leak is in front of the autoclaves.
100840	02/08/01	Steam Leaks	Pipe leaks hot steam work stop, Strip barn, pipe going into a hose wheel is leaking,
100853	02/08/01	Steam Pipes	Replace steam trap & condensate line
100920	02/08/01	Steam Leaks	Repair steam leak at strip barn on Sunday 18 Feb 01.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
100921	02/08/01	Steam Leaks	Leak on condensate line near heater #8,
100977	02/08/01	Steam Pipes	Replace plastic tube on anodizing tank. Repair leaking water hose on anodizing tank. Work stoppage.
100983	02/09/01	Steam Leaks	Leak on condensate line near heater #8,
101009	02/09/01	Steam Leaks	Inside old mod squad office area, bldg 137, there is a steam leak. Please repair ASAP.
101024	02/09/01	Steam Pipes	Newly installed steam valve at tank no. 414B don't work right; need fix ASAP. Work stoppage in effect. Thanks.
101037	02/09/01	Steam Pipes	Water leak by entry door to hangar from break area.
101112	02/12/01	Steam Leaks	Steam transfer station on catwalk near post office leaking water. I shut both steam valves off, opened by-pass to 25 psi. Bad flange gasket, tried reg. around flange and hand valve.
101115	02/12/01	Steam Leaks	Please repair steam leak in carpenter shop ASAP. Thanks.
101119	02/12/01	Steam Leaks	The steam line is leaking and need to be repaired ASAP. Job stoppage. Thank you.
101143	02/12/01	Steam Leaks	Steam line is leaking and needs to be repaired ASAP. Work stoppage.
101202	02/12/01	Steam Leaks	Steam leaking up from under floor. Between B8 and C8, on hanger deck
101222	02/12/01	Steam Leaks	Please check steam pit in carpenter shop. Excess condensation blown into atmosphere and rust residue on side of bldg next to a street.
101233	02/12/01	Steam	Pipe over distilled water tank is leaking in F402 test cell
101236	02/12/01	Steam Leaks	Steam line between restrooms in prop shop is leaking again. please repair ASAP.
101245	02/12/01	Steam Pipes	Steam line at heater in walk in booth area is leaking.
101274	02/12/01	Steam Leaks	Overhead steam leak up stairs by women bathroom. Leaking down stair on computer equipment.
101285	02/13/01	Steam Heater	Heater #94 leaking water onto computer. This problem seems to never go away!
101290	02/13/01	Steam Pipes	Steam pipe is leaking in ASKARS.
101294	02/13/01	Steam Pipes	Steam pipe in area above production control at station 14, small clean and paint, leaking extremely bad. Immediate attention is needed. Water has been leaking onto the computer systems in the production control area overnight. Water is continuing to leak.
101302	02/13/01	Steam Heater	Replace nipple to #2 heater located in bldg 421
101342	02/13/01	Steam Leaks	Overhead steam leak in small clean & paint shop, upstairs by locker room attached to women's restroom. Leaking onto computer equipment downstairs.
101345	02/13/01	Steam	Check steam pit to bldg 188 - no steam. WC-50
101363	02/13/01	Steam	Steam line is leaking. Located by Mezzanine J. 53 hangar.
101364	02/13/01	Steam Heater	Repair leaking steam heater in H53 hangar, bldg 137, #14
101395	02/13/01	Steam Pipes	Steam hose busted steam point # 3
101417	02/14/01	Steam Leaks	Steam leak on automated cleaning line. Repair ASAP.
101431	02/14/01	Steam Pipes	The steam valve on the descale tank need replacing ASAP. Job stoppage thank you.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
101450	02/14/01	Steam Pipes	Request pipefitter repair steam leak at small RB tank at floor level. Thanks.
101489	02/14/01	Steam Leaks	We have a big steam leak in CO2 room. We need someone ASAP
101496	02/14/01	Steam Heater	Heaters at Q8 and O8 are one is leaking, and the other one isn't running cause the belt is off,
101521	02/14/01	Steam Pipes	Need plumber to check for leak in blade wash area; ASAP. Safety hazard spill is in area.
101566	02/15/01	Steam Leaks	Shop 93117B - replace 3/4" bucket steam trap, bldg 133
101573	02/15/01	Steam Leaks	Steam leak - preservation tank - complete work stop - repair ASAP.
101654	02/15/01	Steam Pipes	No steam on tank 068 electroclean, thank you
101655	02/15/01	Steam Pipes	No steam on tank 068 electroclean tank thanks
101658	02/15/01	Steam	Need leak fixed on coil inside of the hot water rinse tank.
101764	02/16/01	Steam	Work stoppage
101766	02/16/01	Steam Pipes	Incoming steam line is stopped up; going to tank #D22 hot rinse.
101788	02/20/01	Steam Leaks	53 hanger, the steam heater above program management T - office has a water leak (safety) large amount of water on the floor, walkway
101797	02/20/01	Steam Pipes	Incoming steam line is stopped up; going to tank #D22 hot rinse.
101808	02/20/01	Steam Heater	Steam leak. Spraying water and steam. Please fix.
101817	02/20/01	Steam Pipes	In shop 93662 the heater above the grinders has a leak need to have fixed ASAP
101830	02/20/01	Steam Leaks	We have alot of steam leaking from a manhole at the back of our bldg; someone needs to look at this. Thanks
101852	02/20/01	Steam Pipes	Request pipefitter repair steam leak at small clean tanks at floor level. Thanks.
101894	02/20/01	Steam Heater	Repair steam heater, leaking on machinery. ASAP
101939	02/21/01	Steam Heater	Sprinkler in clean room is leaking onto workbench and impacting work progress - checked out by FMD - discovered it's not the sprinkler but the hot water system
101979	02/21/01	Steam	Hot water is streaming out of the steam vents in back of bldg 4033. Needs immediate attention
102008	02/21/01	Steam Heater	Leaking condensate pump. Work stoppage.
102018	02/21/01	Steam Pipes	Steam points #5 & #7 steam hoses have bad leaks/ please repair ASAP
102062	02/21/01	Steam Pipes	Steam hose busted hose does not need replacing just cut back steam point # 5
102065	02/21/01	Steam Pipes	Replace steam hose on steam point #7
102074	02/22/01	Steam Leaks	Bad steam leak on Mezzanine B this is my third request!
102092	02/22/01	Steam Heater	Work stoppage! No steam for anodize tank area.
102126	02/22/01	Steam Pipes	Got no steam going to tank 439C radiator. Request fix. Thanks.
102177	02/22/01	Steam	Heater is leaking water on electrical equipment; it is creating a slip hazard in the work area.
102181	02/22/01	Steam Heater	Heater is leaking water on electrical equipment; it is creating a slip hazard in the work area.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
102208	02/23/01	Steam Heater	Heater is leaking water on electrical equipment; it is creating a slip hazard in the work area.
102236	02/23/01	Steam Heater	Condensate pump leaking Contact before starting work
102237	02/23/01	Steam Heater	Steam heat line for hot water rinse tank is knocking very loudly. This is not normal. Please investigate cause.
102406	02/26/01	Steam Leaks	The steam coil on air handler #3 in plating has a leak. I shut the steam off and secured the blower.
102517	02/26/01	Steam Pipes	Steam gun leaking at handle steam point #5
102518	02/26/01	Steam Pipes	Steam point 4 need steam gun repair
102544	02/27/01	Steam Leaks	Steam pipe broken in front of bldg 1665, facing parking lot, in ground spraying out water/steam. WC-50
102563	02/27/01	Steam	Check steam going to bldg 4034
102567	02/27/01	Steam Heater	Steam heater located in office (old mod team office), bldg 137, pouring water.
102570	02/27/01	Steam Leaks	Steam hose has a hole in it. 2 each; labor stop
102801	03/01/01	Steam Pipes	2 each water rinse tanks, had no steam to heat coils ASAP work stoppage.
102802	03/01/01	Steam Pipes	Tank-649 need a valves to regulate steam ASAP work stoppage
102804	03/01/01	Steam Pipes	Please remove 6 air hose reels from bldg 4173 and install in 4224 landing gear shop
102812	03/01/01	Steam Pipes	Tank beside T-630 (water tanks) has no steam, need fix ASAP work stoppage
102856	03/01/01	Steam Pipes	Tank T-647 has no steam, need ASAP work stoppage.
102857	03/01/01	Steam Pipes	2 each water rinse tanks, had no steam to heat coils, ASAP work stoppage.
102858	03/01/01	Steam Pipes	Tank beside T-630 (water tanks) has no steam, need fix ASAP, work stoppage.
102878	03/02/01	Steam Leaks	Steam pipe leaking overhead in ASKARS. Need to be looked at ASAP! Thank you!
102920	03/02/01	Steam Leaks	Steam leaking at the meter in pit 274 at the training bldg 4034
102924	03/02/01	Steam Leaks	Steam coming out of the sump pump pipe in pit 136 in the parking lot on a street at bldg 159. WC-50
102927	03/02/01	Steam Leaks	Correction to ticket # 102920 of 3/2/1. Type of problem should be steam leaks instead of air breather
102938	03/02/01	Steam Pipes	Tank 439C quit heating up again; need fix again. Thanks.
102968	03/02/01	Steam Pipes	Please have FMD repair steam leak.
103004	03/02/01	Steam	Chromic acid tank boiling. Not in use.
103023	03/05/01	Steam Heater	Check and clear (2) steam traps located 25 ft up.
103029	03/05/01	Steam Leaks	Steam transfer station on catwalk @ flange leaking.
103042	03/05/01	Steam Heater	Modine heater in syntax room, maintenance bay, bldg 133, is leaking. Contact for exact location
103047	03/05/01	Steam Leaks	Steam trans station on catwalk. Flange leaking (recall) just replaced a few weeks ago.
103053	03/05/01	Steam Leaks	Tank on #00000097232, solenoid valve not working properly on H53D anodize tank. Located in prop shop other side of china wall.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
103058	03/05/01	Steam Leaks	Steam pipe on south wall in prop shop, other side of china wall, is leaking, which feeds the anodize tanks.
103060	03/05/01	Steam Heater	Insulate steam heat system in maintenance room, isolate defective steam traps and repair as needed
103067	03/05/01	Steam Pipes	Valve at stripper tank is leaking.
103132	03/05/01	Steam Leaks	Steam leaks in mechanical room below office area, and leaks above office ceiling area, water dripping down onto ceiling tiles. call made to 650 at 18:25.
103179	03/06/01	Steam	Pipe leak in vapor degreaser, need fix ASAP work stoppage.
103184	03/06/01	Steam Leaks	There are 2 steam leaks on roof of bldg 245. Blowing steam from traps.
103194	03/06/01	Steam Pipes	No heat in 65100 shop, (old mod. squad bldg)
103198	03/06/01	Steam Leaks	Per PM inspection, PRV needs gasket, bldg 4034 WC-50
103199	03/06/01	Steam Leaks	Per PM inspection, repack 2" valves downstream at PRV, bldg 4034. WC-50
103200	03/06/01	Steam Leaks	Per PM inspection repair bent valve stem bottom valve sight glass condensate tank, bldg 4034. WC-50
103206	03/06/01	Steam Heater	Steam pipe is venting water and steam from broken pipe in front of T400 test cell doors (from overhead heater). Location is in aisle way/passageway of test cells, bldg 133.
103267	03/07/01	Steam Pipes	Valve at stripper tank is leaking, shop 93111, bldg 137 work stoppage, pouring water.
103319	03/07/01	Steam Pipes	Steam pipe leak below tank no. 422B. Located in bldg 4225,
103320	03/07/01	Steam Leaks	Water /steam leak beside test cell #2
103321	03/07/01	Steam Leaks	Test cell 1 & 2 two bad leaks on steam lines
103322	03/07/01	Steam Pipes	Steam pipe leak below tank no. 430C. Thanks.
103323	03/07/01	Steam Pipes	Steam pipe leak below tank no. 432C. Thanks.
103355	03/07/01	Steam Leaks	Steam line dripping water from heater. Across from eatery in the grinding section
103371	03/07/01	Steam Leaks	The wash tank outside of the cleaning area has a steam leak. Thanks
103413	03/08/01	Steam Pipes	Water leak in test cell no 12.
103464	03/08/01	Steam	Heater leaking water from steam lines. Across from eatery in grinding section of machine shop.
103514	03/09/01	Steam	Investigate/repair leaking condensate tank located in the chiller equipment room, to the right of the front lobby bldg 133.
103605	03/09/01	Steam	Water leaking from ceiling. Do not know where it is coming from. Steam pipes are located up there also.
103611	03/09/01	Steam	Water leaking from ceiling. Do not know where it is coming from steam pipes; located in prop shop cleanroom .
103632	03/12/01	Steam Heater	Heater is leaking all over our computer and desks. This is in the shop production control area.
103633	03/12/01	Steam Leaks	Mezzanine D shop 94106?- paper towel tied around leak, a 2" nipple on steam line
103634	03/12/01	Steam Leaks	Water leaking over station 5 M@ area, behind old 95000 office in cage, facing A Street side.
103643	03/12/01	Steam Leaks	Steam leak in blasting area

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
103644	03/12/01	Steam	Overhead pipes leaking water from 3 different locations in hallway, near the flight line side between machine shop and D hanger, nearest bean A-9
103672	03/12/01	Steam Leaks	There is a leak from the steam valve in the front of the shop.
103690	03/12/01	Steam Heater	Steam on permanganate tank is not heating up work stoppage
103754	03/12/01	Steam Leaks	Hot water or steam pipe leaking on test cell console. Potential damage to electrical equipment and slip hazard. Water pump test cell area. Old gas turbine test cell #4.
103876	03/13/01	Steam	Repair overhead leak in hallway adjacent to sermetel room of component paint shop, bldg 133. This has been a long standing problem that was previously reported on ticket number 102636. Ticket 102636 has since been cancelled with no action taken.
103930	03/13/01	Steam Leaks	Repair leak in penthouse #3 (steam valve leaking). Sermetel room of component paint shop bldg 133
103957	03/14/01	Steam Heater	Modine heater in syntax room (maintenance room) leaking.
103963	03/14/01	Steam Leaks	Steam leak underneath one of the air handlers located on roof (as you are facing the air handler, on right). Investigate/report findings
104225	03/16/01	Steam Pipes	Condensate water shooting out 10 feet from pipe on the roof of the air compressor room, bldg 133. Water has leaked under the roof. This incident is not continuous, but happens intermittently.
104253	03/16/01	Steam Leaks	Steam pipe is leaking overhead over the descale tank need fixing ASAP. Job stoppage thank you.
104347	03/19/01	Steam Leaks	Got steam leak in mechanical room in front of head. Need fix ASAP. Thanks.
104369	03/19/01	Steam Leaks	Repair PRV valve, bldg 4380, mechanical room. WC-50
104391	03/19/01	Steam Leaks	Steam leaking at the meter in pit 274 at the training bldg 4034
104424	03/19/01	Steam Leaks	Inoperative valve on main steam transfer station located on catwalk on top of bldg 137. Need repaired ASAP
104499	03/20/01	Steam	Steam gun N0.PT07B
104501	03/20/01	Steam	Steam gun point 6B hoses busted
104507	03/20/01	Steam Heater	Steam heater in air compressor room in 133 behind the toolroom needs repair
104508	03/20/01	Steam Pipes	Steam hose needs repair (strip barn)
104523	03/20/01	Steam	Steam leak waterholes strip barn bldg 137. Work stoppage.
104531	03/20/01	Steam Leaks	Replace 3" flange steam valve gasket in steam control room on platform per PM inspection. WC-50
104551	03/20/01	Steam Pipes	Steam point no.4 steam gun need repair
104553	03/20/01	Steam Pipes	Water value leaking from ceiling behind E&E area across from 96334 shop.
104599	03/21/01	Steam Pipes	Pipe on no.2 tank leaking (rust remover)
104621	03/21/01	Steam Leaks	Steam line, pipe on no 2 tank leaking (rust remover)
104639	03/21/01	Steam Pipes	Steam point no.4 need whose repair
104674	03/22/01	Steam Leaks	Cracked nipple on main steam transfer station located on catwalk on top of bldg 137. WC-50

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
104693	03/22/01	Steam Pipes	Hot water rinse tank not working, not heating up, work stoppage (at soda blast mach.)
104725	03/22/01	Steam	Hot water rinse tank not working. No steam getting to tank. Please repair. (Requires confined space permit/sniffer) 2 men
104732	03/22/01	Steam	Emergency !! Equipment room flooding condensate tank sprung a leak help. Workstoppage
104753	03/22/01	Steam	Hot water leaking from steam pipe inside transportation office. Leaking in room where heat and AC room is.
104754	03/22/01	Steam Pipes	Steam line on rinse tank in pneumatic cleaning shop is leaking and needs immediate repair.
104785	03/23/01	Steam Leaks	Replace steam trap, strainer, and check valve located on Mezzanine B, over graphic arts area, bldg 137. Contact prior to any work.
104849	03/23/01	Steam Pipes	Steam gun holder needs to be mounted in test cell #2. This action required per 6.2.96000. Discrepancy identified on 19 Mar 01 walk-around inspection.
104864	03/23/01	Steam Heater	Steam heater #5 leaking in area of old blast room where recently renovated in bldg 137, behind small components shop. Contact for exact location
104868	03/23/01	Steam Pipes	Two steam hoses busted steam point #7 and #6-1/2 no need for new hose just need's cutting off at or near handle work stoppage
104906	03/26/01	Steam Leaks	The pipe is busted and leaking steam out need to be fix ASAP. Job stoppage; thank you.
104914	03/26/01	Steam Pipes	We have a leak from steam pipe going to heater in shop. Please have someone look at ASAP.
104916	03/26/01	Steam Pipes	Repair/replace water lines in test cell no. 12
104919	03/26/01	Steam Leaks	Automated penetrant line, drier has steam leak
104960	03/26/01	Steam Pipes	Valve leaking going to stripper tank.
104967	03/26/01	Steam Pipes	Hazard! Tank pipe leaking hot water \steam small cleaning shop bldg 137 work stop
104989	03/26/01	Steam Leaks	Work stoppage/ steam hose on steam point. #3 & 5 busted/ please repair or replace.
105057	03/27/01	Steam Leaks	Steam valve leaking severely. Valve located exterior to strip barn on A Street side between strip barn and what use to be the "mod squad" bldg, in alley up next to bldg 137.
105061	03/27/01	Steam Pipes	Work stoppage/ steam hose at steam point #6B busted/ please repair or replace.
105065	03/27/01	Steam Leaks	Steam valve leaking severely. Valve located exterior to strip barn on A Street side between strip barn and what use to be the "mod squad" bldg, in alley up next to bldg 137.
105082	03/27/01	Steam Leaks	Bldg 1665, steam line from ground on "A" side street into the bldg, is leaking at valve on line approx 3 feet above ground. WC-50
105111	03/27/01	Steam	Water leak in hallway by test cell #3 head.
105119	03/27/01	Steam Leaks	Steam valve leaking to stripper tank note: our whole stripping operation is down due to leak. Work stoppage ASAP. This is second ticket. 1st tick.#104960 we need help very badly
105152	03/28/01	Steam	Steam leaking at the meter in pit 274 at the training bldg 4034. WC-50

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
105175	03/28/01	Steam Leaks	Need new steam leak below tank no. 422B repaired ASAP. Work stoppage in effect. Thanks.
105176	03/28/01	Steam Pipes	Work stoppage / steam hose on steam point busted / please replace or repair
105223	03/28/01	Steam Leaks	Repair steam leaks on roof of new paint hangar, bldg 245.
105229	03/28/01	Steam Leaks	Steam condensate tank leaking in compressor mechanical room
105242	03/28/01	Steam Pipes	Steam leak point #6 also need to add additional hose on gun next to steam point #6
105243	03/28/01	Steam Leaks	One of the units for the heat and ventilation for the new hangar appears to have a steam leak. The unit is on the roof.
105275	03/29/01	Steam Leaks	Steam leak on valve in main steam room, bldg 4225. Fix or replace.
105302	03/29/01	Steam Leaks	WC-50 in 8" valve between bldg and pit #194 - insulate valve.
105304	03/29/01	Steam Leaks	Repair steam leaks on roof of new paint hangar, bldg 245.
105309	03/29/01	Steam Leaks	Request steam outage for FMD to repack leaking gate valve in area of stripping barn B-137, 139, 138, 423 424, 4037, and 4275, Sunday, 4/8/01, 0700-1530. OT authorized. WC-50
105334	03/29/01	Steam Leaks	Waterholes leaking water/steam strip barn bldg 137 work stop
105348	03/29/01	Steam Pipes	Rubber steam hole at station #8 need repairing ASAP
105370	03/30/01	Steam Leaks	Repair or replace steam valve located in old pack process room. Contact for location.
105407	03/30/01	Steam	There is a leaking pipe in need of repair in transmission shop 6.21.96119, bldg 133 adjacent column BB-33.
105412	03/30/01	Steam	Leak in overhead pipe located back corner of 133, last aisle way in front of cleaning shop, B-137 side of 133.
105483	03/30/01	Steam Pipes	Need someone to come and cut steam off from tanks 70502 70504 and 70529 for weekend very importance
105499	04/02/01	Steam Leaks	Steam leak in break room of bldg 84 paint shop.
105509	04/02/01	Steam Pipes	Buff and grind room is down reset switch will not stay in work stoppage.
105537	04/02/01	Steam Leaks	WC-50 check/repair main steam regulator that feeds steam to chemical tanks in cleaning shop bldg 133. Work stoppage
105630	04/02/01	Steam Pipes	Need to repair busted air line on right side off bldg
105631	04/02/01	Steam Pipes	Steam point 5. Steam gun need leak repair
105667	04/03/01	Steam Heater	Steam condensate leak in mechanical room
105669	04/03/01	Steam Heater	Steam heater leaking in compressor room, turn by tool room, back behind toolroom
105717	04/03/01	Steam	Valve leaks water into opening of 930/950 SBU doorway at bottom of stairs. Appears to be a valve connected to heater system in hangar. The water on the floor could cause an employee to slip. Located next to beam I-9. Please investigate ASAP!!
105739	04/03/01	Steam	Floor flooded in mechanical room across from tool room. Investigate problem/report
105814	04/04/01	Steam Leaks	Steam holes leaking water/steam where steam gun/holes meet. Bldg 137 strip barn. Work stoppage.
105867	04/04/01	Steam Pipes	Steam point 6 steam line has leak

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
105875	04/05/01	Steam Heater	Steam pipe on steam heater leaking bad/ please repair or replace
105878	04/05/01	Steam Leaks	Repair condensate line leak above clean room 96554.
105889	04/05/01	Steam Leaks	Steam blowing from condensate tank vent on roof of shop 67830 above old camel base area
105890	04/05/01	Steam Leaks	High pressure steam blowing from condensate tank vent located in walkway between old & new addition
105914	04/05/01	Steam Pipes	Steam gun no. 6 busted hoses
105983	04/05/01	Steam Pipes	Need to repair steam hose at steam # A.
106004	04/06/01	Steam Heater	Steam pipe on steam heater leaking bad/ please repair or replace
106032	04/06/01	Steam Leaks	Overhead heaters #2 and #3 heaters are leaking in A Street side of bldg
106043	04/06/01	Steam Pipes	Steam line has ruptured; need it taken care of ASAP. Work stoppage.
106047	04/06/01	Steam Leaks	Replace steam valve in component paint shop, bldg 133. This is a separate problem from the last ticket submitted.
106104	04/09/01	Steam Pipes	Eye wash station leaking
106146	04/09/01	Steam Pipes	Steam pipes under floor of T58 test cell #1 are un-insulated. This is a safety hazard.
106159	04/09/01	Steam Leaks	Need to turn on steam supply line for hot water rinse tank (paint shop, bldg 133). A steam leak was repaired over the weekend but the steam was not turned back on.
106412	04/11/01	Steam Pipes	Need water jets cleaned out.
106413	04/11/01	Steam Pipes	Piping on steam point #6 leaking/ please repair
106414	04/11/01	Steam Leaks	Repair steam leak at exit door of carpenter shop, bldg 84
106423	04/11/01	Steam Leaks	Above conference room, bldg 137 - hammering sound coming from steam lines located on Mezzanine B. Urgent!! WC-50
106449	04/11/01	Steam	Overhead pipes leaking onto artisans
106453	04/11/01	Steam Leaks	Work stoppage / discharge hose on steam point #3A leaking; please repair E or replace ASAP
106488	04/11/01	Steam Leaks	In area of Mezzanine B over conference room, bldg 137 - finish repair work on steam lines that have hammering sound. WC-50
106492	04/11/01	Steam Heater	Cut steam off under bldg 142 AG gate 3.
106581	04/12/01	Steam	Pipe leaking from overhead causing puddle on floor; safety issue
106591	04/12/01	Steam	Fluid dripping into test stand from above; work stop
106652	04/13/01	Steam	Fluid dripping into test stand from above; work stop
106687	04/13/01	Steam	Request FMD check out why no steam going to calibration lab B-137 (May have resulted from steam outage day before on Mezzanine B.) WC-50
106707	04/13/01	Steam Pipes	Steam hose on steam point #4 leaking/ please replace hose ASAP
106762	04/16/01	Steam Leaks	Repair or manufacture new steam condensate tank located in mechanical room, bldg 133.
106816	04/16/01	Steam Pipes	Check steam lines on chromic acid I/E tank. Work stoppage. Thanks.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
106875	04/17/01	Steam Leaks	Work stoppage/ steam hose on steam point #4A leaking; please repair or replace
106883	04/17/01	Steam Leaks	Steam leak air handler #1 on roof of bldg 133. Repair leak if within monetary limit.
106981	04/18/01	Steam Leaks	Repack (3) 3/4" gate valves and repair (4) steam traps in the prop shop area
107035	04/18/01	Steam Pipes	Steam line leaking water on converter I-28 in H46 hanger. Converter located by column I-28 on the ASKARS side of hanger.
107040	04/18/01	Steam Pipes	Steam line leaking water on converter I-28 in H46 hanger. Converter located by column I-28 on the ASKARS side of hanger.
107045	04/19/01	Steam Pipes	Got steam leak overhead tank 413A; need fix ASAP. Work stoppage in effect. Thanks.
107071	04/19/01	Steam Leaks	Repair/replace blowing steam traps located in preparation hanger
107076	04/19/01	Steam Leaks	Repair steam leak in the paint booth in bldg 84, work stoppage
107177	04/20/01	Steam Leaks	Pressure reducing station has valve blowing steam, located in new section of bldg 245 next to mechanical room
107181	04/20/01	Steam Pipes	Work stoppage/ discharge hose on steam point #6A burst/please replace or repair.
107183	04/20/01	Steam	Water leaking from overhead in breakroom area of bldg 424 corrosion barn/ please repair
107187	04/20/01	Steam Heater	Repair/replace traps on heaters 1 and 2.
107191	04/20/01	Steam	Steam point 3 steam line. Need to repair ASAP
107201	04/20/01	Steam Pipes	Steam rack 6B discharge hoses has a hole in it. Labor stoppage. Need fixed now only have one more that we can use to clean 46. Thank you !
107208	04/20/01	Steam Leaks	Repair steam point 6B and 7A in strip barn bldg 137
107232	04/20/01	Steam Pipes	Repair busted hose on steam point #7. Notify strip barn.
107271	04/23/01	Steam Leaks	Condensate leaking on equipment floor a street side equipment room
107273	04/23/01	Steam Leaks	Repair/replace traps at steam station in PSE section of old bldg;
107292	04/23/01	Steam	Water pipe in mechanical room is leaking onto electrical outlet
107302	04/23/01	Steam Leaks	Steam heater drain in strip barn leaking/ please repair ASAP
107362	04/24/01	Steam Heater	Install heating coils in air handler 22305,
107368	04/24/01	Steam Leaks	Repair/replace traps at steam station in PSE section of old bldg;
107382	04/24/01	Steam Pipes	Pipe leaking over entrance to office. safety hazard!!
107451	04/24/01	Steam	Water leaking in equipment room by stairs, coming from overhead pipes
107462	04/24/01	Steam	Located between 53 & 46 hangar by hardware area; water is coming down out of the wall.
107465	04/25/01	Steam Pipes	Pipe leaking over office entrance. Leaking worse than when the first ticket was submitted (107382) something needs to be done ASAP safety hazard.
107477	04/25/01	Steam Pipes	Compressor room steam line is leaking

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
107478	04/25/01	Steam Leaks	Steam leak in control room
107492	04/25/01	Steam Leaks	Repair steam leak coming from pit #265. WC-50
107495	04/25/01	Steam Heater	Install new coil in heater #94, shop 95662, bldg 137.
107511	04/25/01	Steam Pipes	Work stoppage/ discharge hose on steam point #7 leaking/ please repair or replace ASAP
107551	04/25/01	Steam Pipes	There is a steam pipe leaking in the corner of the ramp bldg behind the 5 axis toyoda
107560	04/25/01	Steam	We have a leak from the ceiling around the light fixture. Located in the hazmat/SSE room (HDSC 137C) in the front of 137 within the 94400 branch.
107624	04/26/01	Steam Pipes	Air line to shaker table leaking.
107645	04/26/01	Steam Leaks	Repair blown gasket, mechanical room, bldg 1665 WC50
107656	04/26/01	Steam Leaks	Repair/replace bad traps in corrosion barn.
107693	04/26/01	Steam Leaks	Steam leak in maintenance control room
107694	04/26/01	Steam Leaks	No steam in strip barn, work stoppage
107696	04/26/01	Steam Leaks	Steam leak in maintenance, control room
107775	04/27/01	Steam Leaks	One of the McQuay units located on roof of bldg 4225, is gushing water from the coils. Urgent - please check/repair. WC-50
107793	04/27/01	Steam	Replace impeller and parts on condensate return pump, bldg 4188. WC-50
107794	04/27/01	Steam Leaks	Replace 25-30 ft. of condensate return line located above break room, bldg 424. WC-50
107861	04/30/01	Steam Leaks	Steam leak behind rust block tank safety hazard work stoppage
107873	04/30/01	Steam Leaks	Steam leak in main valve.
107966	04/30/01	Steam Leaks	Steam gun at steam point (7) had a larger hole in the line.
108000	05/01/01	Steam Leaks	Heating coil or coil connection leaking in prep hanger of paint shop
108011	05/01/01	Steam Pipes	Steam valve leak, tank 211. Plating shop
108027	05/01/01	Steam	WC-50 - please shut the steam heat at the depot for the duration of the summer and fall seasons starting 1 May 2001.
108118	05/02/01	Steam Pipes	Value leaking on parts washer!
108129	05/02/01	Steam Heater	The heating unit in bldg 1798 is leaking water and steam. Please have someone repair it.
108144	05/02/01	Steam Pipes	Need the steam shut off to bldg 142
108299	05/04/01	Steam Pipes	Need handle on steam gun.
108300	05/04/01	Steam Pipes	Repair water leak in test cell no 10
108302	05/04/01	Steam Pipes	Repair air leak in test cell no 11
108303	05/04/01	Steam Pipes	Repair water leak in test cell no 12
108323	05/04/01	Steam Pipes	Pipes and steam valves still continue to leak on top of the bldg They are getting worse, leaking to the point that water is starting to get under the roof material. This request has been in over 4 years.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
108437	05/07/01	Steam Pipes	There is a live steam leak above line A. This is a severe leak and needs attention right away. If the line ruptures, it could be a serious safety hazard.
108461	05/07/01	Steam Heater	Men's bathroom is like a sauna - steam is pouring in and it is over 100 degrees. Please fix ASAP.
108486	05/07/01	Steam Leaks	Overhead steam leak behind control room of test cell #3.
108498	05/07/01	Steam	Repair condensate pump located in mechanical room up front of bldg 133.
108499	05/07/01	Steam	There is a condensate tank located in mechanical room upfront of bldg 133 that need re-insulating where a crack has been welded. Need done soon.
108534	05/07/01	Steam Leaks	Repair leaking condensate line located behind test cell #3 control room.
108588	05/08/01	Steam Leaks	Repair/replace bad steam trap under stairway behind test cell #3 control room
108602	05/08/01	Steam Leaks	WC-50 steam leak on dirt leg at bldg 4032 (FMD already working on problem)
108602	05/08/01	Steam Leaks	WC-50 steam leak on dirt leg at bldg 4032 (FMD already working on problem)
108624	05/08/01	Steam	Steam point. 05/ steam pipes leaking
108628	05/08/01	Steam Pipes	Pipes steam/ water leaking
108663	05/08/01	Steam	Repair relieve valve and run new drain line outside bldg from 377 ton equipment room
108670	05/08/01	Steam Pipes	Reconfigure plumbing for flowmeter to J79 test stand. Work stoppage.
108673	05/08/01	Steam Pipes	Reconfigure plumbing manifold for S3 valve located at the Avitech test stand in hazard test. Work stoppage
108727	05/09/01	Steam Pipes	Pipe leaking on parts washer.
108770	05/09/01	Steam Leaks	Condensate pump motor locked. Needs to be fixed ASAP. Thanks.
108775	05/09/01	Steam Pipes	Pipe leaking overhead in alodine area.
108779	05/09/01	Steam Pipes	Steam condensate line is clogged up
108785	05/09/01	Steam Leaks	Steam leak in test cell #1
108799	05/09/01	Steam Leaks	Repack 2" gate valve on steam line behind test cell #3 control room.
108813	05/09/01	Steam Pipes	Steam pipe in P-3 rubber room is leaking needs repaired.
109032	05/11/01	Steam Leaks	2" coupling leaking on steam deck platform of maintenance room, bldg 4224 WC-50
109086	05/11/01	Steam Leaks	Located in no 1 - T58 engine test cell right behind restroom; steam trap is leaking by stair well.
109103	05/14/01	Steam Leaks	The hot water tank steam pipe is leaking needs fixing ASAP. Work stoppage thank you. Investigate and repair if within monetary limit.
109115	05/14/01	Steam	Overhead pipe leaking onto floor/safety issue
109193	05/14/01	Steam Leaks	Steam hose on steam point #5 busted; please repair or replace. Repair or replace steam hose.
109228	05/15/01	Steam Leaks	Repair pressure reducing station located in shop 94304, bldg 137

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
109255	05/15/01	Steam	Task 114632 - replace one of two spring pilot pressure regulating valves in mechanical room
109282	05/15/01	Steam Pipes	Condensate cooler system level low. Need fix ASAP. Thanks.
109305	05/15/01	Steam Leaks	Steam condensate line leaking over EDM wire cut machine area in bldg 4225. Work stoppage! Please expedite!
109306	05/15/01	Steam Pipes	Steam pipe leaking over precision machine.
109321	05/15/01	Steam Leaks	Steam pit overflowing with water in F402 test cell assembly area. Safety discrepancy! FMD
109355	05/16/01	Steam	Ceiling is leaking around the light fixture located in the hazmat/SSE room (HDAS137C) in the front of 137 within the 94400 branch. It has been determined the leak is coming from a plug in an overhead pipe. It wasn't determined what the pipe went to.
109404	05/16/01	Steam	Leak on 1 1/2 condensate line behind test cell #3 control room. (found during PM)
109424	05/16/01	Steam Leaks	Got steam leak in mech room in front of men's head. WC-50
109454	05/17/01	Steam Pipes	We have a pipe leaking. Please get someone whom can fix this recurring problem.
109531	05/17/01	Steam Leaks	Repair/replace bad trap in ventilation and electronic maintenance shop, 652, bldg 133 WC-50 (found during PM)
109636	05/18/01	Steam Heater	Repair/replace bad trap at steam control station by col I 28.
109695	05/21/01	Steam	The flex steam line going to tank T-069 (water rinse) is broken. Tank is located in the plating shop bldg 4035 cut off valve in basement under the tank
109778	05/21/01	Steam Leaks	WC-50 - urgent - repair 2" elbow that is leaking in bldg 4032 - water is everywhere
109788	05/21/01	Steam Leaks	Steam pit #133 - need to repack steam gate valve going to pit #101 - OT authorized weekend 26-28 May 2001
109790	05/21/01	Steam Leaks	Steam pit #101 - repack steam valve feeding bldg 133. OT authorized weekend 26-28 May 2001
109794	05/21/01	Steam Leaks	Clean/replace plugged trap #0872 in bldg 4225. Also check strainer and temperature
109795	05/21/01	Steam Leaks	Clean/replace plugged trap #0876, located in bldg 4225 1st floor
109796	05/21/01	Steam Leaks	Clean/replace plugged trap #0877, located in bldg 4225 1st floor
109797	05/21/01	Steam Leaks	Clean/replace plugged trap #0878, located 1st floor, bldg 4225
109798	05/21/01	Steam Leaks	There is a leak in the steam line area of steam trap #0890, bldg 4225
109799	05/21/01	Steam Leaks	Steam leak below a-410, 1st floor, in area of trap #0863. Check/repair as required. Also check strainer
109800	05/21/01	Steam Leaks	Steam leak in area OFN-5, #0114. Please check/repair trap.
109801	05/21/01	Steam Leaks	Steam blowing from trap #0098 in bldg 188, Mezzanine C-5. Check/repair as required
109803	05/21/01	Steam Leaks	Check/repair plugged steam trap located bldg 188, Mezzanine C-8 area (#0101)
109804	05/21/01	Steam Leaks	Clean/replace trap #0100, bldg 188
109883	05/22/01	Steam Leaks	Steam leak in mechanical room bldg 142 (located next to corner of strip barn)

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
109914	05/22/01	Steam Leaks	Repair leak on tank B-22 on cleaning line bldg 4225 (#0872)
109915	05/22/01	Steam Leaks	Repair leak on tank C-439 on cleaning line, bldg 4225 (#0874)
109917	05/22/01	Steam Leaks	Repair leak on tank C-432 cleaning line bldg 4225 (#0876)
109940	05/22/01	Steam Heater	Secure all overhead heaters located in buildings in your zoned area and leave tag stating heater secured with date/contractor's name. Need done ASAP
109941	05/22/01	Steam Heater	Secure all overhead heaters located in buildings in your zoned area. Leave tag stating secured with date/contractor name on each heater.
109943	05/22/01	Steam Heater	Secure all overhead heaters in buildings in your zoned area. Leave a tag stating secured with date/contractor's name. Need done ASAP.
109969	05/23/01	Steam	Condensation from air conditioner vent dripping on employee's computer and desk. Request action ASAP, hampering individuals work performance.
110017	05/23/01	Steam Leaks	Steam hoses leaking on steam points # 7 & 8/ please repair or replace
110047	05/23/01	Steam Leaks	Repair steam leak in the penthouse 9-10 bldg 133, ASAP
110092	05/23/01	Steam Pipes	Sink beside supervisor need to be fixed or replaced. The legs are in bad shape. Don't know if it can be repaired or not.
110208	05/24/01	Steam Leaks	PCV steam exhaust pipe above part-washer is leaking this can cause a trip hazard.
110315	05/29/01	Steam Leaks	Check air handlers that feed front office area and especially pneumatics area; dump water off traps if possible to reduce "hammering sounds" in pipes.
110322	05/29/01	Steam	Water leak in basement
110323	05/29/01	Steam	Water pipe leaking overhead in snack machine area.
110323	05/29/01	Steam	Water pipe leaking overhead in snack machine area. Investigate problem and repair if within monetary limit.
110326	05/29/01	Steam	Severe water leak at bottom of stairs going to Mezzanine G. Looks like it is coming from a metal pipe in the ceiling. Dripping on soda machine and is a slip hazard.
110367	05/29/01	Steam Leaks	Heater in stall #4 is leaking. This is a heater that is installed in the ceiling
110369	05/29/01	Steam Heater	Steam control room SCR137T. Coil in heat exchanger for circulating hot water in the heating system is broken. (ASKARS) found during PM
110370	05/29/01	Steam	Work stoppage ticket 110302 tank still leaks and unable to do any work at this time. Please send crew back over to finish. Not there when work was completed and ticket not signed off on by NDI. Workstoppage.
110371	05/29/01	Steam Heater	Steam control room SCR137T. Condensate pumps running continuously. Found during PM.
110375	05/29/01	Steam Heater	Steam control room SCR137S. PM discrepancy. 2 1/2 strainer missing screen strainer basket. Found during PM
110376	05/29/01	Steam Heater	Steam control room SCR137S. Condensate pumps running continuously. Found during PM

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
110388	05/29/01	Steam Leaks	Large amounts of steam coming from drain line near front of GTCP test cells, floor is getting wet, vapors are rising and getting overhead cranes and fire sprinkler systems wet (dripping ooze). Potential safety problem. Please respond ASAP!!
110389	05/29/01	Steam Leaks	Steam pit in bldg 188 pouring out steam. WC-50
110392	05/29/01	Steam Leaks	Pop off valve in cleaning shop 93111, reading pressure above 45 psi. WC-50
110404	05/29/01	Steam Pipes	Need to have steam repaired in cleaning shop 133
110408	05/29/01	Steam Leaks	Work stoppage/steam hose on steam point #6B busted/ please repair or replace
110420	05/29/01	Steam Leaks	Steam leak in the air conditioner room on Mezzanine F. Needs to be repaired as soon as possible.
110431	05/29/01	Steam Heater	Steam control room SCR137V. Steam pit flooded to top. Pump pit. Found during PM
110432	05/29/01	Steam Leaks	Waterholes leaking hot water strip barn 137 work stop
110433	05/29/01	Steam Leaks	Repair steam leak from condensating tank overflow pie causing excessive moisture on floor and electrical rails. Safety issue
110527	05/30/01	Steam Heater	Steam pit SCR137U located in small parts cleaning shop 93111. Repair steam jet sump pump. Found during PM
110531	05/30/01	Steam Pipes	Need the 3 steam guns and hoses repaired in the 53 paint hanger and prep hanger. Need the water hoses, reels and valves checked and repaired in the 53 paint hanger and in the prep hanger.
110565	05/30/01	Steam Pipes	Strainers need cleaning in the prop shop, buff and grind room.
110594	05/31/01	Steam Leaks	One of the steam valves is leaking in the P-3 rubber room
110633	05/31/01	Steam Leaks	Seal on condensate pump in equipment room, bldg 133, leaking and needs repair/replacing.
110654	05/31/01	Steam Leaks	Steam leak in shop causing ceiling tile to collapse. Investigate/report findings
110675	05/31/01	Steam Leaks	Steam heater leaking column N-9, by tech library, bldg 137. Please repair.
110693	05/31/01	Steam Pipes	Heater 26 is leaking water.
110730	06/01/01	Steam Pipes	Water heater in deep sink (new installation) does not work. Unit appears to be getting electrical power. In 4/5 test cell
110741	06/01/01	Steam Leaks	There is a steam leak located by work bench in bldg 83. See for exact location. Repair and report info
110751	06/01/01	Steam Pipes	Line stopped up. Work stoppage
110752	06/01/01	Steam	Pipe leaking from ceiling. Please check and repair. Call for directions and admittance.
110756	06/01/01	Steam Leaks	Steam pit SCR137V repair leak in 3" condensate line
110757	06/01/01	Steam Leaks	Investigate/repair steam leak around trap #0673; replace any defective piping, valves, etc.
110834	06/04/01	Steam Leaks	Hot water leak/ could be steam leak. He couldn't tell. He said it burned him when it hit his arm.
110929	06/04/01	Steam Pipes	Safety eye wash station not functioning
110967	06/05/01	Steam Leaks	Hot water leak/ could be steam leak. He couldn't tell. He said it burned him when it hit his arm.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
110968	06/05/01	Steam Heater	Steam pit SCR137V located in shop 93111. Need to cut out existing 4", 90 degree ell and weld a new one in. Found during PM
111000	06/05/01	Steam Heater	Condensate line leaking on small modine heater, located in front equipment room of bldg 133.
111023	06/05/01	Steam	We have an overhead water pipe leaking. The water is entering the overhead light fixture and saturating the overhead ceiling tiles. Recommend urgent attention. Located in 96300 training office, bldg 133.
111029	06/05/01	Steam Pipes	Steam hose busted on steam point #6A/ please repair or replace.
111038	06/05/01	Steam Leaks	Men's restroom, bldg 1794, check/repair steam leak. Repair steam trap #0594 if in area.
111039	06/05/01	Steam Leaks	Steam leak, 1st floor in area of trap #0729. Check/repair as necessary
111040	06/05/01	Steam Leaks	Check/repair steam leak located G-1 mechanical room, bldg 4247, near trap #0594.
111046	06/05/01	Steam Leaks	Steam leak at steam pump trap, bldg 1798. Check; repair; replace trap.
111102	06/06/01	Steam Heater	Steam control room SCR137E shop 93111 area. Replace/repair 2 bad steam traps found during PM
111104	06/06/01	Steam Heater	Steam control room SCR137F, Mezzanine H repair/replace 2 bad steam traps. Found during PM
111153	06/06/01	Steam Leaks	Steam leak in make up air room in stall 2.
111228	06/07/01	Steam Leaks	Steam hose in steam rack has busted
111238	06/07/01	Steam Heater	Steam control room SCR137 E shop 93111 mfg A and install a pipe hanger where missing from steam line.
111348	06/07/01	Steam Pipes	Steam point 6 need a new steam line.
111370	06/08/01	Steam Leaks	Steam pipe in closet, hissing and leaking. Items in the closet are all wet. They lock their office and will be away from the area from 8:45-11:00.
111416	06/08/01	Steam Pipes	Request pipefitter service/repair steam valve below tank no. 430C. Thanks.
111438	06/08/01	Steam	Drain line across from tool room next to 950 brown bag is flooding the aisle.
111457	06/08/01	Steam Leaks	Steam pipe in closet, legal office, bldg 137, hissing/leaking. Check/repair steam metering valve. Items in closet getting wet.
111484	06/11/01	Steam Leaks	Mezzanine D steam leak in the mechanical room. See about pipe size before starting work
111494	06/11/01	Steam Leaks	Steam control room SCR137 F, Mezzanine H. Repair leaking 3" steam valve. Work from PM
111495	06/11/01	Steam Leaks	Steam control room SCR137F, Mezzanine H. Repair leaking 2 1/2" steam valve. Work from PM
111510	06/11/01	Steam Pipes	We have a emergency eyewash that do not have a shower head; safety hazard; need to be fixed ASAP
111511	06/11/01	Steam Leaks	Isolate area of steam leak in bldg 133, E&E area, middle of bldg
111541	06/11/01	Steam Leaks	Steam leak in area of Mezzanine G, bldg 137
111578	06/11/01	Steam Leaks	Steam pipe leaks in flight equipment. Shop over window.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
111633	06/12/01	Steam Heater	There is a boiler alarm bell ringing in the mechanical room located in the rear of the bldg access from the outside.
111652	06/12/01	Steam Leaks	Seal leaking on condensate pump outside of shop 93111, stripping barn. Found during PM
111688	06/12/01	Steam Leaks	Replace trap 0841, bldg 133, located in bearing shop.
111785	06/13/01	Steam Leaks	Steam leak in mechanical room, 1st floor, at trap #0678. Check/repair or replace.
111788	06/13/01	Steam Leaks	Blowing steam from trap #0269, 1st floor, bldg 133, on steam main, A-37. Check/repair or replace.
111790	06/13/01	Steam Leaks	Check/repair steam trap #0314 that is plugged - located on catwalk overhead mezzanine, bldg 133
111793	06/13/01	Steam Leaks	Steam leak 1st floor (Z-1) bldg 4032 near trap #0749. Check/repair or replace
111795	06/13/01	Steam Leaks	Steam leak on steam main G-1 mechanical room, bldg 4247, near trap #0595
111819	06/13/01	Steam Heater	Steam heat to the nickel line is not coming on.
111864	06/13/01	Steam	Repair steam leak ASAP. Notify when completed
111877	06/14/01	Steam	Leak in roof-robotic shot peen room-the leak is pretty bad, trash can under leak at this time
111935	06/14/01	Steam Heater	Replace/repair "U" tube bundle in NDI area station 61A. Required to wash parts and provide hot water.
111940	06/14/01	Steam Heater	Clean tank to heat exchanger, paint face of tube bundle,
111963	06/14/01	Steam Heater	Steam control room SCR133B. Replace leaking 1 1/2 nipple on condensate return line
112102	06/15/01	Steam Heater	There is a boiler alarm sounding in the mechanical room. Access from outside.
112198	06/18/01	Steam Pipes	We still have several tanks that are not heating up due to no steam or pressured hot water. Someone came last week ,left and never came back. Nickel area is down--- thanks
112240	06/18/01	Steam Pipes	We have a large steam pipe leaking steadily in our P-3 rubber bonding room. Thanks a lot.
112359	06/20/01	Steam Leaks	Mezzanine B - bldg 137 - couple of steam leaks in area.
112383	06/20/01	Steam Leaks	Steam leak on mezzanine of bldg 4224 near trap #0736
112394	06/20/01	Steam Leaks	Repair steam leak mezzanine in bldg 4224, near trap #0735.
112442	06/20/01	Steam Pipes	Steam hose has hole steam point #7. No need for complete hose just cut and reattach work stoppage
112496	06/21/01	Steam Leaks	Steam leak on air handler, penthouse #1, unit #14, bldg 133
112515	06/21/01	Steam Leaks	Steam valve leaking behind varsol tanks. See for location
112582	06/22/01	Steam Heater	There is a boiler alarm bell ringing in the mechanical room. This is the third time in 2 weeks.
112703	06/25/01	Steam Leaks	Repair condensate problem in P2 rubber room see for details
112706	06/25/01	Steam Pipes	Steam point number 7 has a busted water line and needs to be repaired ASAP; work stoppage
112744	06/25/01	Steam Pipes	Steam hose needs to be reattached and reel work-stoppage
112745	06/25/01	Steam	Leak in steam line in shop
112747	06/25/01	Steam Pipes	Leak in condensate steam line when heat is called for in unit.
112892	06/26/01	Steam Pipes	Steam point #5 hose busted no need for new hose work stoppage.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
113059	06/28/01	Steam	In small chemical room there is a small leak that puddles up the floor. Coming from behind chemical tanks. Could be a steam pipe leak.
113063	06/28/01	Steam Pipes	Steam hose in steam rack has busted
113068	06/28/01	Steam Leaks	Replace steam trap #056 in area where new coil being installed on heater #94
113246	06/29/01	Steam Pipes	Replace busted steam hose
113257	07/02/01	Steam	Repair leak in demountable test cell.
113272	07/02/01	Steam Pipes	Water leaking from heater area at top of ceiling.
113458	07/05/01	Steam Leaks	Automated cleaning machine steam leak - please check/repair tonight on second shift
113459	07/05/01	Steam Leaks	Condensate pump leaking inside PMB barn. Needs to be fixed ASAP. Thanks!
113482	07/05/01	Steam Leaks	Got steam leak at corner of small tanks at floor level.
113483	07/05/01	Steam Pipes	Steam valve at tank no. 427C not responding to preset op temperature limit.
113610	07/06/01	Steam Leaks	Hole in hose at steam point 3A
113616	07/06/01	Steam Leaks	Repair steam leak on # 2 rinse tank
113650	07/09/01	Steam Leaks	Hot hot hot. We have a floor full of water coming from the steam room.
113694	07/09/01	Steam Leaks	Repair steam condensate leak behind bldg 4032
113712	07/09/01	Steam Leaks	Steam point #5/ steam hose busted in middle of hose/ please replace ASAP
113737	07/09/01	Steam	Drain pipe leading from roof at top of stairs leading to paint classroom leaking over computer wires and electrical outlet.
113748	07/10/01	Steam Leaks	Steam leak in mechanical room - found during PM
113749	07/10/01	Steam Leaks	Repair leak on condensate tank motor, bldg 4225 found during steam outage on weekend. WC-50
113763	07/10/01	Steam	Install drains on bldg 245 new steam valves
113784	07/10/01	Steam Leaks	Steam leak in area of trap 0616 - check/repair as necessary. (GF-1 test area)
113788	07/10/01	Steam Heater	Unit heater #2 on mezzanine is leaking - check/repair trap 0614 located in the same area
113792	07/10/01	Steam Pipes	Have a pipe leak in blade room. Needs to be fixed ASAP.
113817	07/10/01	Steam Heater	Repair leaking trap #609 on unit heater #12 in B-1798.
113833	07/10/01	Steam	Drain in steam rack is stopped up, shop 93111, bldg 133
113913	07/11/01	Steam Pipes	Water connection going to water brake has gone bad need replaced. Work stoppage
114003	07/11/01	Steam Pipes	Steam point 4 need new steam line ASAP.
114060	07/12/01	Steam Leaks	WC-50 - repair condensate drain line to floor drain in steam control room 137s, bldg 137
114064	07/12/01	Steam Leaks	WC-50 - pump out steam pit located at bldg 188, Taylor Drive side
114065	07/12/01	Steam Leaks	WC-50 - condensate tank runs continuously bldg 188, runway side. Need to adjust tank float.
114226	07/13/01	Steam Leaks	Main steam valve in cleaning shop broke. Need fixed ASAP
114256	07/16/01	Steam Pipes	Main steam valve has a leak in hit, work stoppage.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
114264	07/16/01	Steam Leaks	Tank#100 steam line has broken
114267	07/16/01	Steam Pipes	Tank # 100 chrome tank has a leaking steam line, this is a work stoppage. Thanks
114340	07/17/01	Steam Leaks	Large gate valve in steam line overhead by column C-35 leaking. WC-50
114371	07/17/01	Steam Heater	Steam heater leaking water, bldg 83
114448	07/18/01	Steam Pipes	There is a considerable amount of hot water running from an external pipe on the southeast side of hanger. It may or may not be a problem.
114475	07/18/01	Steam Leaks	WC-50 steam leak in mechanical room, bldg 142
114585	07/19/01	Steam	Runway 28 - there is a water leak in the concrete and from faucet behind the area where F-4s AC are stored by chicken coop. Please check and repair
114734	07/20/01	Steam Leaks	#111370, #111457 leak in closet is getting worse. Someone E-mailed her and told her a part was on order, both tickets are closed. Please investigate
114778	07/20/01	Steam Leaks	Water and steam still coming from pipe on SE side bldg 4224. Maintenance folks told us a valve was on order and it would continue to leak a little. It's blowing steam and water under our hooch. Floors being damaged.
114814	07/23/01	Steam Leaks	There is a steam leak overhead in stall three in the old paint hangar. Attention third shift
114850	07/23/01	Steam Pipes	Steam pipes leaking in wash rack and inside of bldg (FE induction area).
114875	07/23/01	Steam Leaks	There is a very loud steam leak in overhead pipe next to vertical beam #M17. A great amount of steam is escaping. thanks
114889	07/23/01	Steam Leaks	Remove coil from heat exchanger in bldg 83.
114934	07/23/01	Steam Pipes	Cannot get steam to come on tank T-O59. Thanks
114975	07/24/01	Steam Leaks	Steam leak, bldg 133, area of trap #0323. Check/repair to stop blowing steam
114976	07/24/01	Steam Leaks	Check and repair plugged steam trap located on roof top of bldg 133 (trap #0350)
114978	07/24/01	Steam Leaks	Steam leaking/blowing from trap #0977, located in bldg 133, 1st floor, C-30. Please repair.
114981	07/24/01	Steam Leaks	Blowing steam trap, #0620, 1st floor, bldg 421. Check/repair as necessary
115028	07/24/01	Steam Leaks	FMD stated there traps blowing steam back into the main steam line, that need to be corrected and taken off the steam line for work they are doing in pit next to bldg 83. Please check/identify those steam traps.
115048	07/24/01	Steam	Water line leaking overhead in test cell #3
115083	07/24/01	Steam Pipes	Hello gentlemen!!! Could you please see if you can find me a nozzle for the shot-peen hose. If he can it would certainly be greatly appreciated. Thank you very, very much.
115161	07/25/01	Steam Leaks	Repair steam leak in pit 274 - next to bldg 4034
115163	07/25/01	Steam Heater	Remove steam meter in lawyer's office bldg 137 - begin work at 5:00 am until - authorized OT
115188	07/25/01	Steam Heater	Replace steam trap of HVAC unit that supplies graphic arts please contact before starting job

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
115192	07/25/01	Steam Leaks	Large compressor in mechanical room has high temperature reading - check it out and repair as necessary
115232	07/26/01	Steam Leaks	Loud steam leak in the AC room. Mezzanine F
115271	07/26/01	Steam Leaks	Check valve on condensate tank at bldg 4188
115297	07/26/01	Steam Leaks	Water coming out of over flow when you try to cut steam on. {work stoppage!!}
115305	07/26/01	Steam Pipes	Need pipefitter service/replace steam valve below tank no. 414B ASAP. Work stoppage in effect. Thanks.
115322	07/26/01	Steam Pipes	No steam to alkaline descaler tank. work stoppage in effect
115365	07/27/01	Steam Pipes	Need pipefitter service/replace steam valve below tank no. 414B ASAP. Work stoppage in effect. Thanks.
115461	07/30/01	Steam Leaks	WC-50 - steam leak on nipple; replace strainer and repair leaking nipple (found during FMD PM)
115468	07/30/01	Steam Leaks	Steam line leak in blade room (pipes inside tank room)
115637	07/31/01	Steam Leaks	Condensate pump just inside bldg 83 in ceiling pouring out water. WC-50
115679	08/01/01	Steam Leaks	Pump out steam pit #265, bldg 1798 - WC-50
115703	08/01/01	Steam Leaks	Steam rack drain clogged, will not drain
115747	08/01/01	Steam Leaks	Repair steam meter located at bldg 160.
115755	08/01/01	Steam Pipes	Water hose leaking in test cell no. 11. Cannot run test cell. Thanks
115786	08/01/01	Steam Pipes	Need to repair steam leak
115828	08/02/01	Steam Pipes	Need moisture drain extended to the floor where mechanics and dry moisture from the air compressor lines. Dry is about 12-15 feet above floor. We are pumping water into our cabin pressure equipment in the hanger area. Need ASAP.
115869	08/02/01	Steam Leaks	Check out steam leaks in shop 93111. Contact for exact area of leaks.
115884	08/02/01	Steam	Diaphragm busted.
115913	08/03/01	Steam Leaks	Repair condensating leak in equipment room bldg 133,
115919	08/03/01	Steam Leaks	Steam point 4/ steam hose busted in middle of hose/please replace ASAP
115935	08/03/01	Steam	Pipe above the snack machines by hangar and ASKARS area are leaking badly. Water on the machines and all over the floor.
115936	08/03/01	Steam	Steam valve leaking in stairwell, on electrical conduit/ also making slip hazard. Hanger location I-28 next to ASKARS.
115947	08/03/01	Steam	The penthouse on roof of bldg 133 above station 60 grid (D-11) has been called in to you and has been looked at the maintenance. People said that the work would have to go out on a bid to see who fixes it
115957	08/03/01	Steam	Repair broken air line in the steam cleaning pit on the NE side bldg133
115968	08/03/01	Steam	We have developed a leak from the ceiling. It is located near the electrical panel of the oven. It is an unsafe condition. Needs to be looked at ASAP.
115970	08/03/01	Steam Leaks	Steam valve is making a lot of noise. This is in the air compressor room behind the tool room. A lot of noise!
116007	08/06/01	Steam	Water in blade area. Please bring pigs with you. Thank-you.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
116018	08/06/01	Steam Leaks	Steam valve is making a lot of noise. This is in the air compressor room behind the tool room. Lots of noise.
116068	08/06/01	Steam	Hot water line leaking in two places in hangar of bldg 4224. Please check/repair.
116090	08/06/01	Steam Leaks	Repair small hot water converter (steam) in chiller room backside of bldg 133. Do not secure steam without approval
116123	08/07/01	Steam Leaks	Steam leak in stall 3 needs repair.
116129	08/07/01	Steam	Install new coil in hot water converter, bldg 83. Need to complete ASAP, as domestic hot water will be affected.
116148	08/07/01	Steam Leaks	WC-50 - pump out steam pit located at bldg 1665.
116169	08/07/01	Steam Leaks	Steam pipe leaking in maintenance room on Mezzanine F bldg 137, water running out of room into shop area. Repair leak as soon as possible.
116351	08/09/01	Steam Leaks	Repair leaks as needed in steam pipe. Water is coming from ceiling. Work stoppage in area because of leaks.
116392	08/09/01	Steam Leaks	Pressure reducing station bldg 139 has one line capped off; one line cut. Dripping down on floor into blade bonding room. Please check/repair ASAP.
116408	08/09/01	Steam Leaks	Steam pipe leaking at union above blending area, directly over AHU-22-302 control panel.
116428	08/09/01	Steam Pipes	Steam condensate pipe leaking on steel shot peen blast booth in blasting room, bldg 4225.
116509	08/10/01	Steam Leaks	Steam pipe over radiator work area sweating or something. Dripping into/onto work area and employee. Need someone to come look at this. May need drip pan manufactured if it is an uncontrollable problem. See for location.
116572	08/10/01	Steam	Adj. column 1, bldg 133 we have want appears to be a condensate line dripping in the aisle at the roll-up door. This is a slip hazard and should be corrected.
116879	08/15/01	Steam Leaks	PVC steam exhaust pipe above parts washer leaking. Please repair (trip hazard). Coordinate any outage
116881	08/15/01	Steam Leaks	Repair leak on tank C-432, cleaning line, bldg 4225. Schedule any outage for steam prior to work if required.
116930	08/15/01	Steam Leaks	Repair leak on tank B-22, cleaning line, bldg 4225 (#0872)
116976	08/15/01	Steam Leaks	Steam leak overhead in cleaning shop. This leak has been called in several time with no results. Leak located in flush area.
117013	08/16/01	Steam Pipes	Request mech service/replace steam valve at tank no. 420B ASAP. Thanks.
117040	08/16/01	Steam Pipes	Our descale tank doesn't have steam. It needs to be checked ASAP. Work stoppage thank you.
117057	08/16/01	Steam Leaks	The steam is leaking out of the steam trap behind water tank it need to be fix ASAP. Work stoppage thank you.
117167	08/17/01	Steam Leaks	2 steam leaks on the back of clean line machine. Work stoppage
117175	08/17/01	Steam Leaks	Repair steam lines on AC unit.
117234	08/17/01	Steam Leaks	Leak over new CMM system in B4225.
117273	08/20/01	Steam Pipes	We need this steam trap fix ASAP. It is leaking badly It is a work stoppage thank you.

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Ticket Number	Date Created	Problem Type	Description
117305	08/20/01	Steam Heater	WC-50: secure steam in pit that feeds bldg 3768, Wednesday, 8/22/01, 0730-1530, for S&S mechanics to replace steam pipe to heater.
117354	08/20/01	Steam Pipes	Needs steam pipe valve leak fix 4/5 test cell
117411	08/21/01	Steam Heater	Replace steam header on clean line, weekend of 26 Aug 2001.
117493	08/21/01	Steam Leaks	WC-50 - replace 4" PRV valve, located in bldg 133, Sunday, 26 Aug 2001, during steam outage. OT authorized.
117560	08/22/01	Steam Leaks	SCR84A-replace steam gage on main line. Found during PM
117562	08/22/01	Steam Leaks	SCR84B-repack (1) 1" gate valve on steam line to heater #9 found during PM
117569	08/22/01	Steam Leaks	Work stoppage/steam point #5 steam hose busted/ please repair or replace ASAP
117589	08/22/01	Steam Leaks	Steam holes down point\7 strip barn work stop
117595	08/22/01	Steam Leaks	Work stoppage/ steam hose on steam point #6 busted / please repair or replace ASAP
117643	08/22/01	Steam Leaks	SCR129A-replace (1) steam gage, repack (2) 2 1/2" gate valves.
117690	08/23/01	Steam Leaks	SCR 129A- replace (1) 0-60 psi gage on circulating pump discharge. Found on PM
117691	08/23/01	Steam Leaks	Repair/repack 3/4" gate valve on pressure reducing station bldg 139, during steam outage, 26 august 2001. OT approved.
117707	08/23/01	Steam Pipes	Steam pipe leaking near AC spot 16, in aisle way creating a safety hazard.
117777	08/24/01	Steam Pipes	Work stoppage/discharge hose on steam point # 6A busted/ please repair or replace ASAP
117882	08/25/01	Steam Leaks	Steam point 3A needs repair.
117922	08/27/01	Steam Pipes	Request pipefitter service/replace steam valve below tank no. 410A ASAP. Thanks.
117931	08/27/01	Steam	Investigate and insulate steam header line on clean line in bldg 133. Steam header was just recently installed weekend of 26 Aug during steam outage. Now requires insulation.
117940	08/27/01	Steam Leaks	SCR 133B, repack (1) 1 1/2" gate valve in condensate line near condensate tank. Found during PM
118060	08/28/01	Steam Leaks	SCR 138A. Repack (2) 2 1/2" gate valve.
118115	08/28/01	Steam Leaks	SCR 138 A repack (2) 4" gate valves in steam line.
118249	08/29/01	Steam Pipes	Request pipefitter service/replace steam valve below clean line in front of head ASAP. Work stoppage in effect. Thanks.
118337	08/30/01	Steam Leaks	WC-50 - steam leak coming from a pinhole in a 3" steam line in bldg 83. (this area was worked on by). Please check/repair.
118436	08/31/01	Steam	Verson press room is flooding. There is a lot of electrical wiring and equipment in this room. Find source of leak and please fix.
118460	08/31/01	Steam	Leaking in bldg 137 in two cleaning shops station 8 and 14, flooding floors.
118471	08/31/01	Steam Pipes	Work stoppage/ steam hose on steam point #3 busted/ please repair or replace ASAP
118490	08/31/01	Steam	Check/repair condensate pump for hot water tank located in the air compressor room of bldg 133.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
118529	09/04/01	Steam Leaks	Bad steam leak at bldg 4032, mechanical room -
118539	09/04/01	Steam Leaks	Steam control room 138A. Repair, replace steam trap #0712.
118541	09/04/01	Steam Leaks	Steam control room 138A. Repair (1) 4" basket strainer .
118542	09/04/01	Steam Leaks	Steam control room 138A. Replace (1) 3/4" strainer
118543	09/04/01	Steam Pipes	Work stoppage/ steam hose on steam point # 2 is busted/ please replace ASAP
118626	09/04/01	Steam Pipes	Request pipefitter service/replace steam valve at tank no. 414B again. Work stoppage in effect. Thanks.
118639	09/04/01	Steam Pipes	Steam leak outside 157 room in shop 94205.
118624	09/05/01	Steam Pipes	Drain tanks in both pre-wash and wash station on penetrant line will not drain completely leaving about 1 1/2" of water that stagnates and stinks. Please check and repair as required to remove water
118665	09/05/01	Steam Leaks	Steam trap #0866, is not providing enough steam heat to process. Clean/replace trap.
118666	09/05/01	Steam Leaks	On tank #419, steam leak on supply pipe - repair/replace.
118692	09/05/01	Steam Pipes	Request pipefitter service/replace leaking steam valve at tank no. 419B ASAP. S&S Inc.
118693	09/05/01	Steam Pipes	Request pipefitter service/replace slow steam valve at tank no. 420B. S&S Corp.
118695	09/05/01	Steam Pipes	Request pipefitter service "y" strainers and blowout steam lines below clean line. S&S Inc.
118698	09/05/01	Steam Pipes	Work stoppage/ steam hose on steam point # 3 busted/ please repair ASAP
118699	09/05/01	Steam Pipes	There is no steam coming to parts washer! Work stoppage!
118725	09/05/01	Steam Leaks	Steam line leaking within the shop area outside the 157 room.
118740	09/05/01	Steam Leaks	Steam leak again on clean line in bldg 4032, mechanical room.
118754	09/05/01	Steam Leaks	SCR 138A, repair/replace (1) 2" gate valve. Will not shut steam off. Found during PM
118763	09/05/01	Steam Pipes	Steam leak outside 157 room in shop 94205.
118790	09/06/01	Steam Leaks	SCR 139A. Repair/replace 3/4" gate valve. Also repack (1) 1 1/2" gate valve.
118793	09/06/01	Steam Leaks	Mechanical room, air handler 6 2nd level 2" nipple, bad steam leak.
118919	09/07/01	Steam Leaks	2-steam leaks on the clean line. Work stoppage.
118938	09/07/01	Steam Pipes	Waterbrake a connector in test cell #7 broken. Work stoppage for test cell
119126	09/10/01	Steam Leaks	SCR 1798A repack (1) 3" gate valve
119177	09/11/01	Steam	Steam rack soda blaster will not maintain pressure.
119203	09/11/01	Steam Leaks	SCR 139A, topside. Repair/install lighting by steam control station in corner by AHU.
119246	09/13/01	Steam Leaks	A contractor alerted me to a steam leak in a storage room with electronic equipment in it in that shop's area. Back of 46 hangar. As far as I know, there is no poc to show exactly where the leak is. (replacing ceiling tiles in that area)
119272	09/13/01	Steam Pipes	Replace steam valve on tank 414B in automated cleaning line, bldg 4225.

Industrial Maintenance Services
Steam System Work Orders (continued)

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Ticket Number	Date Created	Problem Type	Description
119273	09/13/01	Steam Heater	Request steam leak repairs in pit H5 - 3 each 12 in gate valves steel valve on trap leaking. Scheduled for 16 Sept 2001 - OT required.
119274	09/13/01	Steam Leaks	SCR 188A pump steam pit and repair steam sump pump. Found during PM
119275	09/13/01	Steam Heater	Repair 1- 2inch gate valve - not holding - need replacing. Scheduled for 16 Sept 2001 - OT
119276	09/13/01	Steam Heater	Replace 3/4 inch gate valve - cannot tighten packing nut anymore. Schedule for 16 Sept 2001 outage
119281	09/13/01	Steam Leaks	Replace 3/4 gate valve - cannot tighten packing nut any more - scheduled for 16 Sept 2001 - OT required
119287	09/13/01	Steam	Water valve has a leak
119309	09/13/01	Steam Leaks	SCR 188A replace (1) 1 1/4" gate valve on strainer drain.
119355	09/14/01	Steam Pipes	Request pipefitter repair steam leak below tank no. 414B ASAP. Thanks. S&S Inc.
119472	09/17/01	Steam Leaks	3/4" steam line leak in the equipment room. the steam will have to be secured to the bldg It is leaking extremely bad. Water all over the floor and into the office areas. Will need clean up also.
119478	09/17/01	Steam Leaks	Repair drain line on condensate tank, bldg 4032. WC-50
119485	09/17/01	Steam Pipes	Soda blaster has busted water holes; need to be fix ASAP; work stoppage
119490	09/17/01	Steam Leaks	Steam control room 1798A. Manufacture and install (1) pipe hanger on 20' drop, 2" condensate line found during PM
119491	09/17/01	Steam Leaks	Steam control room 139A remove approximately 60' of abandoned 1 1/2" piping found during PM
119506	09/17/01	Steam Pipes	Request mech service/repair scrubber system pump due to leak. Thanks.
119509	09/17/01	Steam Pipes	Water fountain extra connection for filling coolers leaking.
119538	09/17/01	Steam Leaks	SCR 139A remove abandoned PRV station that is leaking on the floor.
119669	09/18/01	Steam Leaks	Remove coil, weld new nipple, and reinstall coil per discussions
119688	09/18/01	Steam Pipes	Replace steam valve on tank 414B in automated cleaning line. checked the valve and stated that it is not hold steam. Send to S&S if possible. Thanks!
119748	09/19/01	Steam Leaks	SCR 188A clean 3 1/2" strainer. Found during PM
119749	09/19/01	Steam Leaks	SCR 188A replace (1) 3 1/2" flanged gate valve. Found during PM
119770	09/19/01	Steam Pipes	Request pipefitter service/replace steam valve below tank no. 403a; temperature won't regulate. S&S Inc. Thanks.
119826	09/20/01	Steam Pipes	Work stoppage/ steam hose busted on steam point #5 and steam point #6/please repair or replace
119840	09/20/01	Steam Leaks	SCR 1798A clean (2) 3" strainers. Need lift to gain access. Found during PM
119907	09/20/01	Steam	Leak in roof in ASKARS, over the LIS stackers.
119913	09/20/01	Steam	Roof leaks from same spot as from 2 previous leaks.
119948	09/21/01	Steam	Water is leaking from back flow preventer on oil filter machine in transmission shop.
119953	09/21/01	Steam Leaks	Automated preservation tank, inside clean room. Work stop.

Ticket Number	Date Created	Problem Type	Description
119973	09/21/01	Steam Leaks	SCR1798A repair float switch on condensate pumping system.
119987	09/21/01	Steam Leaks	Please replace or repair steam pressure relief valve. It appears to be leaking steam. Please contact to confirm replacement.
120012	09/21/01	Steam Pipes	Request pipefitter service/repair steam pipe leak at small degreaser tank at floor level. S&S Inc. Thanks.
120081	09/24/01	Steam Leaks	Steam hose on steam point #2 busted/ please repair or replace
120109	09/24/01	Steam Leaks	SCR4035A install steam pressure gage on high pressure side of PRV. Found during PM
120136	09/24/01	Steam Leaks	Repair steam condensate line leak in bldg 4034
120150	09/24/01	Steam Pipes	Work stoppage/ piping on steam point #5 leaking/ please repair or replace ASAP
120151	09/24/01	Steam Pipes	Steam valve on steam point not functioning properly/ please rebuild or replace
120170	09/24/01	Steam Leaks	SCR 4035A. Clean 6" strainer screen.
120211	09/24/01	Steam Pipes	A steam pipe is leaking in the central tool room. The water is leaking down on cabinets and electrical lights.
120247	09/25/01	Steam Pipes	A steam pipe is leaking in the central tool room. The water is leaking down on cabinets and electrical lights.
120248	09/25/01	Steam Leaks	Steam hose on steam point #2 is busted/work stoppage/please repair ASAP
120290	09/25/01	Steam Leaks	Repair busted steam condensate line located across street from bldg 4224, on Sunday, 30 Sept 2001, 0700-1530. OT authorized.
120334	09/25/01	Steam Leaks	Leaking coil from heater #64, located across from canteen area in bldg 137 (FMD previously checked on ticket 120247). Please repair/replace coil
120452	09/26/01	Steam Leaks	Pump out steam pit #265 that is flooded. WC-50
120468	09/26/01	Steam	Repair steam pipe leak in main shop. Safety violation. Thanks.
120526	09/27/01	Steam Leaks	SCR 137V repair/replace (1) 2 1/2" gate valve. Found during PM.

TE 3.5.1 -- Steam System Work Orders

TE 3.6 – Potable Water System Work Orders

Government provides data on historical workload in this technical exhibit. This data is raw and represents actual communication among customers, maintenance planners, and artisans. The data is as it appears in the maintenance management system except for removal of personal information, inappropriate language, and acronyms expanded as practicable. Each set of data includes a ticket number, ticket date, and a problem description. The tickets approximate the work required during the base one-year period.

The work orders numbers in this technical exhibit may not match exactly the workload forecast in Section C-7. There are two reasons. First, customers occasionally submit more than one requirement for a single problem indicating the recorded workload over represents the work performed. Second, artisans perform a substantial fraction of their work on verbal orders or on their own initiative indicating the recorded workload under represents work performed. However, the net result approximates actual work required.

We audited by sampling the workload in each technical exhibit. We also sought subject matter expert advice on the amount of over- and under-reporting in each area. The result is our estimate of the amount of over- and under-reporting of each workload set. Thus, to get the forecast values in C-7 for the workload in this Technical Exhibit, we increased the number of tickets by 20 percent to adjust for under reported tickets.

Ticket No	Date Created	Description
96956	12/27/00	No hot water on small NDI line station 61A bldg 133. Please check and repair. Thanks and happy new year to you.
97450	01/04/01	No hot water on small NDI line station 61A bldg 133. Please check and repair. Thanks and happy new year to you.
98350	01/12/01	No hot water station 5A bldg 137. Hot water required to wash etch off parts. Unable to do temper etch without hot water. Please check.
100484	02/05/01	No hot water again. This is the third day. Water temp being regulated by men's head in 133 and lowers temp down to low to wash penetrant off parts. Please check and turn temp up for NDI or reroute us from heater.
102464	02/26/01	Need to replace air actuator valve on hot water return/supply line in shop 96335, bldg 133. Please meet with contractor, Tuesday, 2/27/01, to determine what areas will be affected if water secured.
110382	05/29/01	Work stoppage no hot water in NDI area station 61A. Unable to wash parts thus preventing production. Please check and fix water so it will be hot. Work stoppage

TE 3.6 – Potable Water System Work Orders

TE 3.7 – Gas Heating Systems and Locations

Building	Number of Units	Type	Model Number	BTU's
1385	4	Dayton	3E385D	200,000
1355	4	Modine	PA105A	150,000
1381	4	Modine	PA105A	150,000
1380	4	Modine	PA105A	150,000
1376	2	Empire	UH-1150-FSP	150,000
1375	2	Empire	UH-1150-FSP	150,000
1006	2	Modine	PA105A	150,000
1007	2	Modine	PA105A	150,000
1798	2	Binks	SFW600SHLS	1,000,000
4173	4	Dayton	3E385D	200,000

TE 3.7 - Gas Heating Systems and Locations

TE 3.8 – Woodworking Work Orders

Government provides data on historical workload in this technical exhibit. This data is raw and represents actual communication among customers, maintenance planners, and artisans. The data is as it appears in the maintenance management system except for removal of personal information, inappropriate language, and acronyms expanded as practicable. Each set of data includes a ticket number, ticket date, and a problem description. The tickets approximate the work required during the base one-year period.

The work orders numbers in this technical exhibit may not match exactly the workload forecast in Section C-7. There are two reasons. First, customers occasionally submit more than one requirement for a single problem indicating the recorded workload over represents the work performed. Second, artisans perform a substantial fraction of their work on verbal orders or on their own initiative indicating the recorded workload under represents work performed. However, the net result approximates actual work required.

We audited by sampling the workload in each technical exhibit. We also sought subject matter expert advice on the amount of over- and under-reporting in each area. The result is our estimate of the amount of over- and under-reporting of each workload set.

Ticket Number	Date Completed	Description
109781	10/2/00	3 each pieces of Plexiglas 19 3/4 x 28 7/8 x 1/4"
102556	10/10/00	Corrective actions on 5 each propeller carts
110018	10/11/00	Carpenter shop: build 12 wooden shipping containers.
89757	10/17/00	Mfg picture frame for graphic arts.
109962	10/17/00	1 each small table in accordance with instructions on 4235
110980	10/23/00	Request a six-tiered, wide mouth mailbox for the 6.3.610 division per the division secretary's specifications. Each tier should be 10"h x 15" w and wide opening in each tier as shown
111039	10/23/00	Construct a dept mail box similar to the one in the 6.3 department office for the 6.8 dept secretary's office
89743	10/24/00	Mfg and deliver shipping blocks for P&P.
89744	10/24/00	Provide shack for wood dumpster guardian.
90558	10/24/00	Mfg light blocking boxes for photo-lab
90560	10/24/00	Need hinge tabletop built for sewing machine.
110419	10/24/00	Request for production of wood plaques for zero sick leave awards
90616	10/25/00	Mfg 2 each mailboxes and retirement plaques for the CO as per instruction.
111203	10/25/00	Make a sign that states "command support department (6.8)" and install in front of office door. Install a lock on overhead cabinet in secretary's office need about 3 or 4 hooks to be used as a coat rack on wall in secretary's office.
91309	10/26/00	Build shelves in shed and anchor.

Ticket Number	Date Completed	Description
91567	10/26/00	Mfg a crate for shipping spindle as per instruction.
90604	10/27/00	Install shelf under workstation.
91739	10/27/00	Mfg 3 each landing gear stand 18" x 18" x 36" for 96111.
92084	11/1/00	Mfg 2 each covers for AOH4 scrubber in plating shop.
109730	11/2/00	100 each phenolic wedges for CH46 mix boxes
92550	11/3/00	It is requested that shop 6.3.655, make a box to ship a Huffman grinder work head. Thank you.
90554	11/6/00	Need stand made per instructions
111611	11/6/00	Mfg (2) dollies
92453	11/7/00	Mfg spacers for graphic arts.
111715	11/7/00	Production of zero sick leave wood plaque 10 large/for clocks 20 small
92536	11/8/00	Mfg 2 each Plexiglas covers for scrubbers in plating shop.
105445	11/9/00	1 each box constructed for H53 pylon bulkhead tooling fixture
93375	11/13/00	Install mirror in hallway under 930 brown bag room. Ticket 92313
90366	11/15/00	Mfg box per instructions
92585	11/15/00	Mfg 5 each calendar holders
111636	11/16/00	Request "under desk keyboard, mouse platform be installed on my "secretary" desk.
94019	11/20/00	Please procure and install a safety mirror McMaster Carr PN 52475T34 per the attached task.
93490	11/28/00	Mfg 1 each box as per instructions
89886	11/29/00	Shipping crates per instructions for 2 tabletops
90908	11/29/00	2 each shipping crates for 5 each tabletops per instructions
93212	11/29/00	Mfg 1 each box as per instructions
111443	11/30/00	Request carpenter shop provides custom book case/shelving unit per site visit of 10-18-00.
111905	11/30/00	Request assistance placing devices (screws, nails, etc.) In wall to accommodate hanging pictures in the new air vehicle department office, bldg 4033
110038	12/1/00	Repair of (6) six CH46 fwd transmission routing carts. Carts are wood with metal wheels manufactured at the depot. Repair is much cheaper then buying new carts.
110660	12/4/00	Request carpenter shop build two (2) desk organizers per the attached drawing and "as built" as installed in 21410
111831	12/4/00	Request a wooden desk top be make
112077	12/6/00	Mfg boxes
94830	12/11/00	Task 111443 - provide custom bookcase/shelving unit
95292	12/11/00	Mfg a special plaque as requested by the CO
95294	12/11/00	Mfg a special plaque as requested by the CO.
95483	12/11/00	Build wood box as per written instructions. This is for repair use of H53 sponson, work stoppage need ASAP.
95477	12/14/00	Mfg shelf per sketch
93464	12/15/00	Mfg and install a solid (not slotted), saloon-type door on paint it white. Charge to task 111071 if possible. Send to RO1.

Ticket Number	Date Completed	Description
112230	12/18/00	Request local mfg of 50 each shipping blocks for T400 manual fuel control.
90924	12/20/00	Mount cabinet on wall and move another cabinet.
96712	12/22/00	Mfg 1 each box as per instruction
96224	12/27/00	Mfg shipping blocks for P&P.
96225	12/27/00	Mfg shipping blocks for rotor blade cans.
96488	12/27/00	Need wooden crate built per instructions
111711	1/5/01	Drill mounting holes in nametags
96754	1/8/01	On Friday Dec 22, make box for EI hose attachment
108812	1/8/01	Design & mfg of an AV8B nose dolly to accommodate repair of crash damage aircraft
97678	1/9/01	Construct wooden boxes utilizing job order number CTX2701 for FMS customer (United Kingdom)
112748	1/9/01	4 each wooden boxes 16" x 6" x 9" for monitor stands at clocking stations
96542	1/10/01	Mfg a cabinet for 6.3's office as per instruction.
94781	1/12/01	Mfg storage box 4'x4'x8' 3/4in plywood with lid. Prime and paint outside of box. (Waterproof)
97214	1/12/01	Assemble unique, really nice desks. Not a rush job. Is send to RO1. Thanks
98205	1/12/01	Make new wood frames for cans.
105840	1/16/01	Mfg 2 each wooden boxes
96543	1/17/01	Mfg 2 each emergency response chart frames as per instruction.
98501	1/18/01	Mfg 1 box per instructions
113094	1/18/01	2 step work stands for working on H53 AC. Mfg per drawing attached ** need 20 each. We need these as per safety!
95227	1/19/01	Mfg new desk/workstation
97486	1/19/01	Build a frame around the fire alarm and a cabinet for the modems on the wall. Build a new box for the meters. Build a new wood bulletin board.
97487	1/19/01	Build and install workstation and cabinets in the drawing files section of the tech library.
113080	1/19/01	Bookcase in BGM office needs to be braced. Case is sagging and will fall soon
94642	1/22/01	Need a box built to ship a printer,
96170	1/22/01	Fashion top for cabinet.
98537	1/22/01	Construct (2) wooden boxes utilizing JON CTX2701 for FMS customer (United Kingdom) when complete- x
98812	1/22/01	Please mfg retirement plaques for the CO.
110464	1/22/01	Repair step platform for fuel control test stand P102-B located in accessory test bldg 133
98895	1/23/01	Mfg wood frame for cans
98685	1/24/01	Construct walls as per attached memo and sketches
113079	1/24/01	Hang wooden shelf on wall
111269	1/25/01	Cut 4 masonite signs
112201	1/25/01	Mfg (6) IGV vane storage boxes

Ticket Number	Date Completed	Description
99358	1/31/01	We need 10 compressor boxes made as per example as soon as possible due to expanded workload.
112132	1/31/01	Request to have a new adjustable keyboard installed under desk for the secretary within the 6.1 dept.
113303	2/2/01	1. Hang, 4 metal signs in bldg 289 ***must be in place by 2-7-01 for NAVAIR security accreditation 2. Hang, 3 white boards and 2 cork boards in bldg 298
99945	2/5/01	We need 10 storage crates made with lids and 4x4 skids for forklift use. The size we need is 30"x30"x30".
98990	2/7/01	We need a plywood top constructed for an existing metal table with dimensions 60" x 36" x 3/4", finished on one side. The table needs added workspace for NOAP oil sample analysis.
99360	2/7/01	Please mfg cabinet to store clamps for the carpenter shop.
113567	2/9/01	Local mfg wooden blocks to protect sold CH53 shafts
113615	2/9/01	Crate 3 parabolic reflector housings for shipment
101226	2/12/01	Mfg one box per instructions
113482	2/12/01	4 each stands manufactured per the two drawings attached.
113511	2/14/01	Mfg: 50 each plywood covers for 95-2 Torus assembly as per sample
113772	2/14/01	It is requested that one (1) each cover be made for the pallet carousel to be used with in this shop. Cover should be forty-seven inches in diameter; cover should be round.
100743	2/15/01	Mfg 47" diameter 3/4" plywood with lip as per instruction
113512	2/15/01	50 each black plastic covers for disassembly area (as per sample - for sample)
113514	2/20/01	50 each wood covers for 36-series engine fuel controls per sample
113264	2/21/01	Mfg 10 wooden boxes as per sample with foam
113701	2/22/01	Please mfg a wooden tool box for machine shop tooling. As per attached drawing.
102136	2/26/01	Please mfg retirement plaques as requested by the CO.
97971	2/27/01	The buff and grind room needs a wooden cabinet mfg to hold the bore scope machine in it.
114098	2/27/01	Request the following: 2 bookshelves and in BOS as per instructions
114242	2/28/01	Need 8 sets of 4 each 4x4 wood blocks to raise desk up off the floor.
113054	3/1/01	Mfg and install a: paperwork drop box on door of composite training room; needs a hinged lid with a 12" long slot and needs to be lockable.
102690	3/2/01	Mfg 2 each picnic tables as per instruction.
112568	3/2/01	Mfg: 2 each swashplate bearing removal fixtures with 1/2" pad on top of 4x4's
114270	3/2/01	Request mounting of keyboard tray to secretary desk.
102691	3/5/01	Mfg bench 8' long x 12" wide as per instruction.
113250	3/7/01	Production of zero sick leave award - wood plaques: 3 each large (for clock)
113666	3/7/01	Request mfg of 12 support stands for the av-8b wing containers (drawing number sc83md3290001-501mh). These support stands are utilized inside the container to support the av-8b wing flaps. These stands should be manufactured per sample. The poi
113693	3/7/01	Mfg 1 wooden plaque

Ticket Number	Date Completed	Description
114007	3/8/01	Mfg three boxes for F402 paperwork storage.
99494	3/13/01	Mfg phenolic disk
114314	3/13/01	We need 4 each stands manufactured per drawing; drawing is in carpenter shop.
104179	3/16/01	Mfg box as per instruction.
104212	3/16/01	Mfg 8 wedges per sample
114574	3/16/01	It is requested that 1500 nine track tapes be destroyed. (This is usually done by cutting them in half on the band saw). 800 are located in the plating shop and must be destroyed ASAP!!
112814	3/20/01	Mfg display board for sea award goals data
114700	3/20/01	Cause to have made 1 each plywood shelf liner as shown on attachment. This is intended to be a prototype for more in the future. Subsequent facilities request will accompany any future needs should this prove successful.
114794	3/22/01	Mount fire extinguisher, see attached fire prev survey
104512	3/26/01	Mfg box for pump per instructions
114797	3/27/01	Please construct four (4) display boards for the 2001 air show which will represent the 6.3 dept. The display boards should be made out of a full sheet of 4' x 8' -3/4" plywood. Cut a 2' strip off each end so that there is a 4' x 4' remaining piece.
114586	3/28/01	Request smart board be mounted in office located in bldg 4470, 2nd floor. Board weighs approx. 80 lbs
114630	3/29/01	Install 2 plywood doors on book cabinet per verbal instructions.
104765	3/30/01	Mfg wood box per instructions
114912	4/3/01	Need a sign for front door of our new office. Sign needs to read "NADEP contracts team code 2.5.1.5.3. Need a wooden cabinet made for storage of material and built in shelf for microwave and coffeepot.
105952	4/9/01	Build box for spindle assembly for T64 test cell.
115156	4/9/01	Cause to have made 14 total shelf protection pieces of 1/4" plywood. Specific sizes will be provided
114798	4/13/01	It is requested that the following be mounted on wall of conference room, second floor, bldg 129 (engineering). Item to be installed is: projector screen.
94771	4/17/01	Please install blind on window in 96111 office
106706	4/18/01	Mfg 1 each block as per instructions
106798	4/18/01	Mfg box per instructions
107112	4/25/01	Mfg temporary electrical panel support as per drawing/verbal instruction.
115193	4/25/01	Production of zero sick leave award wood plaques 2 large for clocks; 19 small. See attached decals clock face on large plaques that are forwarded with this request. Attach clock works.
115413	4/26/01	Request mfg of one (1) transportation pallet for shipping the cockpit section of an H53 AC to Patuxent River, MD. Pallet should allow for forklift access. Configuration of cockpit should be in normal configuration, not nose up. Integrity of ST
107537	4/27/01	Mfg wood box 13 1/2" high x 28" long x 25 3/4" wide.
108994	4/27/01	5 each main center housing dollies
95041	4/30/01	Mfg and install 3/4" plywood decks w/drain holes in (4) carts.

Industrial Maintenance Services
Woodworking Work Orders (continued)

N00421-03-R-0060

Ticket Number	Date Completed	Description
103474	5/9/01	Install pull out tray
113132	5/9/01	Wooden name plaque with brass insert to read "program management" (wood with brass insert) size: 5.25"w x 18"l brass insert 3.5"w x 15"l
115449	5/9/01	Mfg and install a sign, in bldg 137 main lobby, by guard desk and entrance door, as per the instructions on the attached sheet.
106506	5/10/01	Mfg 30 each wooden plaques per sample thanks.
114572	5/14/01	Mfg retirement plaques and assemble intermittest and continuons
107668	5/18/01	Shop needs a peg board made to hold shims on it size 50"wide by 36 high by 3/8 thick wood. With 15 pegs held at angle
106969	5/21/01	Mfg, paint and install brace for wooden bookshelf, brace needs to be of wood
99757	5/22/01	Need a wood cabinet made to hold P-3 rubber goods in them while they dry
101932	5/22/01	Mfg shelf for office desk.
108774	5/22/01	Mfg picture frame
112311	5/25/01	Request rack be built (per samples in lofting area of 93553) to hang templates on.
109479	6/1/01	Please make a divider for our incoming/outgoing table. Per ISO
110763	6/1/01	Mfg plywood panel as per sketch
109136	6/7/01	Modify (16) holder assemblies
115431	6/12/01	Procure or mfg blade cover for F402 HP compressor PN: S3S13806000, qty. 40 each.
116255	6/14/01	Request graphic arts make two plaques to say: Naval Aviation Depot
110614	6/15/01	Mfg 3 boxes per instructions
111057	6/15/01	Mfg box per instruction
111825	6/15/01	Prepare 1200 amp circuit breaker for shipment. Secure to pallet
110833	6/15/01	Request the mfg of 3 each fuselage dolly PN PE-D-9308 for HSOP 6.2.95700 to support the TAV-8B rewire upgrade program.
116135	6/15/01	Carpenter shop to mfg one oak lectern with raised panel front to match the panels in the new boardroom. Need two trash receptacles in oak.
112070	6/18/01	Install door, install trim, install shelving, paint as per site visit
112091	6/18/01	Mfg shipping box for air compressor parts
116564	6/18/01	Production of zero sick leave award wood plaques 2 large, 26 small. Attach decals on clock face on large plaques.
111117	6/19/01	Need tube flaring machine, subject EIN, located in shop 93653 prepared for shipping. Currently sitting on shipping pallet by shop supervisor office - needs to be metal banded to pallet for shipping
114776	6/19/01	Request our carpenter shop build a conference table, credenza, and multimedia module IAW provided drawings. Has copies of the required drawings.
111892	6/20/01	Need crate for AV8B fixture to be repaired. Dimensions 7x5x4
116806	6/22/01	Construct flat piece of wood/plywood dimensions 10"x24"x1/8"
112941	6/27/01	Mfg 1-H box
110872	6/27/01	Requesting 5 wooden boxes to be fabricated to store pocket alignment tools. The boxes will need to be mounted on the wall. Each storage box will be different from the other. Measurements for the boxes will need to be done by artisan making the storage

Ticket Number	Date Completed	Description
112976	7/2/01	Mfg 1-H box per instructions
116704	7/3/01	Mfg one transport pallet for shipping.
113489	7/9/01	Mfg 1 box per instructions
116957	7/9/01	Replace three framed Milcon drawings displayed in the CO, XO and 6.3 dept offices.
115830	7/10/01	Request one cherry wood table 30"x54" be constructed. Also request painting 10 free standing bookcases/file cabinets and 3 small wooden paper holders same color scheme as Mezzanine A trim work. Reinstall on Mezzanine A in locations upon CO
116050	7/10/01	Construct one mouse holder, 7"x18" wood ext. To act as a mouse holder.
113920	7/11/01	Box 3 each torque elements to be sent out for repair
113801	7/12/01	Need to make H53 blade dolly inserts as required. Thank-you very much
113703	7/16/01	Mfg cradle and install rubber for a H46 blade dolly.
115850	7/17/01	Cut 4' x 8' 1/4" masonite
113917	7/18/01	Construct, install podium and header/wall as per site visit.
114834	7/24/01	Mfg box per instruction
100307	7/24/01	1 each hard bearing balancing mach. For T64 components
114110	7/25/01	Need to make 10 each blade inserts as per sample
114462	7/25/01	Please build a platform with steps and no-skid surface next to can cruncher for higher access to hopper for dumping. JON 7P3JGOO
115178	7/26/01	Please re-mfg scheduling board 4' x 8' as per instruction.
113775	7/27/01	Need to make 10 each. Wooden pieces for the H53 double EAPS dollies as per sample. See sample at the welding shop.
114103	7/27/01	Need wooden box made to fit in front of test in 4&5 test cell
115172	7/27/01	The work center needs to have a wooden frame manufactured to go under small dip tank in shop that will level the tank even to the work table
117317	7/27/01	Request our mailboxes to be mounted on wood and then mounted on the wall.
116582	7/31/01	Mfg flat file support and plotter paper storage rack be manufactured per sketch.
114965	8/1/01	Need to make 4 each wooden inserts as per samples. Located at the carpenter shop
112057	8/1/01	Modification of H53E swashplate dolly, PN 89179-1 (89771)
115691	8/2/01	Mfg 24 each wedges per instructions.
116036	8/6/01	Need 65500 shop to mfg two (2) each. Lexon round disk as per sample
116310	8/10/01	Need to make and install 3 each shelves on parts cart located at the carpenter shop.
116311	8/10/01	Need to make and install 4 each shelves on a parts cart located at the carpenter shop. PA#65889516290
116888	8/10/01	Request mold box be constructed of wood for mold manufacturing in the foundry area. Basic inside measurements 46" wide 53" long 17" deep.
116355	8/13/01	Build box per instructions
117777	8/16/01	Request mfg of one transportation pallet for shipping.
112368	8/17/01	Mfg 1 each box per instructions for fixture
115116	8/20/01	Build box per instructions

Ticket Number	Date Completed	Description
117329	8/21/01	Paint shop 93117B bldg 137 small paint need fifty (50) sticks made size 1"x1"x4'
117936	8/21/01	Mfg 7 blade stands
117726	8/23/01	Repair desk by placing an L bracket underneath top and side of desk.
117713	8/27/01	Need a wooden box manufactured as per instructions. Needed for field team leaving 8/27/01.
117199	8/27/01	Request mfg 20 each trim box covers, 20 each intake covers, 20 each exhaust covers for the T400 eng. program.
117682	8/28/01	Urgent request -- need a set of sawhorses made for special project. 6' long 32" high. Need ASAP.
117669	8/28/01	Request two mail slots be installed to hang over a partition in executive programs coordination office.
114481	8/29/01	Mfg 8 plywood lids per instructions
117592	8/29/01	Mfg & install calendar holder
116373	9/14/01	Request installation of keyboard tray under side arm of secretarial desk.
119629	9/18/01	Mfg box per instructions.
117762	9/18/01	Modify workstation to accommodate ergonomic concepts of alignment and posture.
118242	9/18/01	Mfg 6 wall calendar holders with brackets to hang on partitions.
118326	9/20/01	Request repair of bottom left hand desk drawer.
118609	9/20/01	Mfg skids for the T-400 gearbox metal container. 80 skids.
120092	9/26/01	Assemble 10 each retirement plaques for the CO.
120361	9/26/01	Please make shipping box for water brake. Thank you
119979	9/27/01	Make 3 each prototype wood boxes for ASKARS use.
117272	9/27/01	Request six a-frames four large and two small.
120153	9/28/01	Mfg picture frame, 2' x 3'.
120617	9/28/01	Construct two a-frames storage units as per sample.
117421	9/28/01	Modify and repair 9 each shop blade. Change inserts, change from 3 hole to a two hole design.
117865	9/28/01	Design four picture frames.
118329	9/28/01	Production of zero sick leave wood plaques 6 large clock wood plaques and 37 small wood plaques.
118599	9/28/01	Mfg skids for H53E swashplate 80 each, H46 aft transx 80 each, H46 fwd transx 40 each, T400 gear box 80 each.
120390	10/2/01	Provide 2 small prototype pallet boxes for ASKARS.
119507	10/9/01	Construct and hang a wall-mounted wooden bookshelf
113147	10/12/01	Mfg platform for grinding booth. Construct removable platform
120258	10/18/01	Procure and install 2 (two) 180-degree safety mirrors at the location shown on drawing PE19142 (f) and attached documentation.
120555	11/5/01	The P-3 rubber room needs a wooden stand built for the rubber boots (carpentry shop)

TE 3.8 -- Woodworking Work Orders

TE 3.9 – Painting Work Orders

Government provides data on historical workload in this technical exhibit. This data is raw and represents actual communication among customers, maintenance planners, and artisans. The data is as it appears in the maintenance management system except for removal of personal information, inappropriate language, and acronyms expanded as practicable. Each set of data includes a ticket number, ticket date, and a problem description. The tickets approximate the work required during the base one-year period.

The work orders numbers in this technical exhibit may not match exactly the workload forecast in Section C-7. There are two reasons. First, customers occasionally submit more than one requirement for a single problem indicating the recorded workload over represents the work performed. Second, artisans perform a substantial fraction of their work on verbal orders or on their own initiative indicating the recorded workload under represents work performed. However, the net result approximates actual work required.

We audited by sampling the workload in each technical exhibit. We also sought subject matter expert advice on the amount of over- and under-reporting in each area. The result is our estimate of the amount of over- and under-reporting of each workload set.

Ticket Number	Date Completed	Description
102155	10/06/00	Blast & paint per drawing note 3
106157	10/10/00	Paint crate
103701	10/10/00	Stencil 6 each dollies (name & drawing #)
107109	10/17/00	Paint non-skid on (2) work platforms
109861	10/20/00	Paint safety rail
100286	10/23/00	Paint grates and support brackets
111075	10/26/00	Paint starter T/C floor green
103040	11/09/00	Paint brackets for ducting in test cell 8 & 9
110038	11/28/00	Paint (6) forward trans carts
109243	12/01/00	Paint tow bar
100286	12/06/00	Paint grate/rail/brackets yellow
112201	12/11/00	Paint & stencil (6) IGV vane storage boxes
110981	12/13/00	Paint and stencil (2) barrels
112176	12/18/00	Paint two 55-gal drums white and stencil hoses only
106951	01/03/01	Paint & stencil 2 each AV8B fuselage dollies per TEI H536
109136	01/03/01	Touchup/paint (8) tail rotor blade dollies. See ID43049
108812	01/03/01	Paint and stencil AV8B forward fuselage dolly
108916	01/18/01	Paint bldg 133 NDI floor white

Industrial Maintenance Services
Painting Work Orders (continued)

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Ticket Number	Date Completed	Description
113094	01/18/01	Paint 20 2-step workstands
110232	01/19/01	Block out old lines/paint new 46 hangar
105840	01/19/01	Paint 2 each wooden boxes yellow
110464	01/19/01	Paint box platform yellow with non-skid
113264	01/31/01	Paint 10 wooden boxes per sample
113306	02/01/01	Paint strip around eyewash station - bldg 133
111269	02/05/01	Paint 4 masonite signs light gray
113047	02/07/01	Paint 40 Vidmar cabinet dollies white
99255	02/12/01	Clean, prime & paint red parts for CH53 engine
108098	02/13/01	Stencil blocking tool set
112568	02/26/01	Paint & stencil 2 each bearing removal fixtures
105746	02/27/01	Paint white and stencil (6) nose gearbox stands
113666	03/02/01	Paint left & right hand support stands
106465	03/16/01	Paint guard rail yellow
114571	03/19/01	Mfg install and finish swinging door
111892	03/26/01	Paint bracket yellow
114684	03/26/01	Paint step ladder
114797	03/27/01	Assist display board mfg (finish plywood)
108994	04/19/01	Paint & stencil 5 each gearbox dollies
112311	04/19/01	Paint racks
110486	05/08/01	Paint 12 tow bars
107774	05/08/01	Paint (1) stand
113456	05/15/01	Prime & paint -2, -3, -4, -5, -6, & -7 per drawing
111586	05/15/01	Paint (3) tables
95041	05/22/01	Primer paint frame of (4) carts & (2) tables
109045	05/22/01	Paint/stencil 3 tanks
109136	06/14/01	Touchup/paint (8) tail rotor blade dollies
116764	06/19/01	Band tubing flaring machine to pallet for shipping
110833	07/05/01	Paint & stencil (3) AV8B fuselage dollies
108217	07/09/01	Prime & paint safety shield white
107897	07/10/01	Paint as required per drawing note 6. FEMA 3542
112568	07/10/01	Paint 2 each bearing rem. fixtures as necessary
115830	07/10/01	Paint bookcases
115850	07/17/01	Paint 4' x 8' masonite
100307	07/24/01	Prime & paint table
109288	08/01/01	Stencil fixture
112057	08/01/01	Paint & stencil 21 swashplate dollies
110933	08/01/01	Paint & stencil lift assy. Complete lift in shop 95774
115202	08/02/01	Paint dolly & stencil

Ticket Number	Date Completed	Description
104649	08/07/01	Paint bracket
108157	08/10/01	Paint stand white per drawing 18E2758 note 7
110833	08/13/01	Paint (3) AV8B fuselage dollies
117319	08/14/01	Paint 50 each metal pieces
114173	08/21/01	Stencil 20 each boxes
116562	08/22/01	Paint stand as necessary
112736	08/29/01	Stencil scaffolding
103856	09/05/01	Paint yellow and stencil 4 each air pigs per drawing PE18884
111181	09/06/01	Blast & paint yellow parts for load test fixture
117154	09/07/01	Prime & paint sling
118477	09/13/01	Paint (4) drip pans after P&P blasts
117272	09/20/01	Paint (6) A-frames
109900	09/21/01	Paint (10) support assemblies
109900	09/21/01	Prime & paint 40 each blocks
117195	09/25/01	Paint metal railing yellow
118610	09/26/01	Paint (5) T400 wooden boxes
117421	09/27/01	Paint & stencil (18) blade supports

TE 3.9 – Painting Work Orders

TE 3.10 - Sheetmetal Work Orders

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The work orders numbers in this technical exhibit may not match exactly the workload forecast in Section C-7. There are two reasons. First, customers occasionally submit more than one requirement for a single problem indicating the recorded workload over represents the work performed. Second, artisans perform a substantial fraction of their work on verbal orders or on their own initiative indicating the recorded workload under represents work performed. However, the net result approximates actual work required.

We audited by sampling the workload in each technical exhibit. We also sought subject matter expert advice on the amount of over- and under-reporting in each area. The result is our estimate of the amount of over- and under-reporting of each workload set.

Ticket Number	Date Completed	Description
108829	10/04/00	Mfg (6) inlet screens
110257	10/06/00	Mfg 4 fixtures -- J79 hot job
110576	10/20/00	Mfg 80 wedges per drawing
102679	10/31/00	Assist GSE in mounting cab
100286	11/01/00	Provide material list and mfg ductwork per PE18637
105885	11/06/00	Mfg and install holding fixture for C130 fuel valve
109019	11/06/00	Mfg pan per memo
110395	11/06/00	Mfg & install drum lid handles
103538	11/08/00	Mfg sheet metal box
107631	11/15/00	Mfg (2) 4" to 6" adapters
111411	11/21/00	Mfg & install deflectors
103735	11/30/00	Mfg Plexiglas enclosure per sketch
109392	11/30/00	Mfg & install metal sides on pallets
111410	11/30/00	Repair Corby's Electric cart doors
107243	12/05/00	Install louvers in test cells
111070	12/07/00	Replace/mfg guards
112203	12/12/00	Mfg drip pan
111825	12/15/00	Mfg drip pan

Industrial Maintenance Services
Sheetmetal Work Orders (continued)

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Ticket Number	Date Completed	Description
81776	12/21/00	Mfg & install duct and manufacture parts.
111544	12/22/00	Mfg (2) tool trays
110556	01/03/01	Mfg & install stain. Steel exhaust duct in TC #4
112472	01/03/01	Cut and bend wire cloth
111948	01/19/01	Mfg 3 aluminum boxes
109288	01/24/01	Assist fixture mfg
111487	01/24/01	Mod 2 wrenches
108810	01/26/01	Mfg box weldment
108098	02/07/01	Mfg blocking tool set
112945	02/07/01	Mfg 1 metal cover
113048	02/07/01	Mfg sign brackets
112264	02/08/01	Repair side rails
113320	02/12/01	Mfg & install ductwork
113499	02/12/01	Mfg metal plate to cover printer
114037	02/16/01	Weld rings to 40 each rods
113481	02/23/01	Mfg pan w/basket & lid
109748	03/07/01	Assist in mfg of above. Mfg & install 4 each -7 liners
101195	03/12/01	Mfg & install exhaust hood for Lindberg furnace
113767	03/12/01	Modify (2) T58 exhaust Pipe/ mfg components
108710	03/13/01	Mfg Plexiglas safety shield(s) for lathe(s)
114468	03/14/01	Cut sheetmetal plates
109119	03/19/01	Mfg 2nd metal cover w/site window cut 2 pcs 10.5". The mechanical shop needs to mfg the aluminum ring and bolt it to the Lexan.
112057	03/19/01	Mfg/mod 21ea swashplate dollies
113011	03/21/01	Mfg & install T64 static taps on (2) tail pipes
113171	03/22/01	Mfg & install signs for
114101	03/23/01	Cut out aluminum 1" diameter -- .020 - .040 thick
109136	03/26/01	Mfg 32 blade guards per drawing
111892	03/26/01	Mfg/install bracket
114095	03/26/01	Cut 100 5x9 sign blanks
106506	03/27/01	Research job
114873	03/29/01	Mfg ductwork
114862	04/02/01	Install handles on 5 lids 3-30-01
111782	04/21/01	Mfg & install (1) phenolic sliding door set
114348	04/23/01	Mfg swing arm mount plate for TC #1
100307	04/25/01	cut & repair panel as instructed
115449	04/26/01	Cut 24" x 24" sign blank
110486	04/27/01	Mfg 12 tow bars
113200	04/30/01	Mfg/install (2) thrust washer grinder guards
115155	05/01/01	Mfg rack

Industrial Maintenance Services
Sheetmetal Work Orders (continued)

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Ticket Number	Date Completed	Description
76194	05/09/01	Mfg sheetmetal duct/ removed duct and supports
95041	05/23/01	Mfg 4 carts/ 2 tables
105862	05/23/01	Install fixture as necessary
109984	05/23/01	Glue rubber liner to fixture as necessary
113493	05/30/01	Research job, mfg 15 each stainless steel, small mesh wire baskets, 5" x 6".
116419	06/06/01	Cut (16) 24x24 sign blanks
107564	06/07/01	Modify and install shelves in calibration vans
116705	06/25/01	Cut metal plate for coffee mess
109609	06/29/01	Cut & install Plexiglas view glass
112383	06/29/01	Research job and mfg drip pan w/drain valve
116291	07/09/01	Mfg fixture material needs to be welded
108217	07/11/01	Mfg & install safety shield
116811	07/17/01	Research job as necessary
117059	07/18/01	Research job as necessary
113471	07/20/01	Bend 2 each wrenches as required per drawing
116919	07/23/01	Mfg and install brackets on an existing wall calendar per request.
116740	07/24/01	Additional 30" shelf added to six H46 parts cages
117318	07/25/01	Research job as necessary
116561	08/01/01	Research holding fixture job for material and manufacture alodine tanks as shown on sketch. 300 series stainless steel.
114173	08/06/01	Rivet handles - hinges - hasps & fit rubber on 20 each boxes 7-18-01
104845	08/07/01	Fabricate 2 each E model & D model H53 shaft fixtures. Mfg 4 each stainless steel banks for H53 D and E model drive shafts.
116669	08/07/01	Research job and manufacture 6 small and 3 large perforated stainless steel wash buckets.
116562	08/10/01	Research tank job and bend sheetmetal for tank manufacture.
117319	08/10/01	Research job and cut/bend to mfg 50 each metal pieces for portable heaters as per sample.
113008	08/16/01	Mfg & install 42 each grates per drawing
118044	08/22/01	Mfg (4) brake bands per prototype sketch
117565	08/23/01	Mfg (2) doors for electric cart
118110	08/28/01	Secure storage cabinets
118242	08/29/01	Mfg brackets for calendar holders
114940	09/07/01	Bomb rack tester must have a protective shield manufactured to prevent serious injury in the event of rack failure during testing.
118457	09/07/01	Request 2 new pressure plates be made for H53D pocket to spar fixture. Mfg die for pressure plates
104649	09/11/01	Mfg preservation tank with removable drain racks.
116741	09/13/01	Research job as necessary and mfg (2) 8500 support stations
118517	09/17/01	Cut 2 each sign blanks
117195	09/26/01	Fabricate metal railing

TE 3.10 – Sheetmetal Work Orders